

STIC Search Report Biotech-Chem Library

STIC Database Tracking Number: 126183

TO: Roy Teller

Location: REM/3D18/3C18

Art Unit: 1654 July 7, 2004

Case Serial Number: 09/943084

From: P. Sheppard

Location: Remsen Building

Phone: (571) 272-2529

sheppard@uspto.gov

Search Notes	
·	
* .	
·	

From: Sent: To: Subject:	Thursday, July 01, 2004 10:53 AM STIC-Biotech/ChemLib Generic form response
ResponseHeader=Comme	rcial Database Search Request
AccessDB#=	
LogNumber=	. <u></u>
Searcher=	
SearcherPhone=	
SearcherBranch=	
MyDate=Thu Jul 1 10:	53:29 EDT 2004
submitto=Biotech01@u	spto.go v
Name=Roy Teller	
Empno=79445	****
Phone=571-272-0971	
Artunit=1654	STIGULED 200
Office=REM-3D18	
Serialnum=09943084	
PatClass=514/12	
Earliest=4/7/93	
Format1=paper	
Searchtopic= Please quu.	do an interference search of SEQ ID NO: 1, 2, 3, 4, 5, 6, and 7. Than
Comments=	
send=SEND	

Searcher:______Phone:______
Location:______
Date Picked Up:______
Date Completed:______
Searcher Prep/Review:_____
Clerical:_____
Online time:______

TYPE OF SEARCH:

NA Sequences:

AA Sequences:

Structures:

Bibliographic:

Litigation:

Full text:

Patent Family:

Other:

VENDOR/COST (where applic.)
STN:_____
DIALOG:____
Questel/Orbit:_____
DRLink:____
Lexis/Nexis:_____
Sequence Sys.:_____
WWW/Internet:____
Other (specify):_____

```
11, Appli
15, Appli
29, Appli
29, Appli
20, Appli
6, Appli
15, Appli
15, Appli
15, Appli
20, Appli
20, Appli
21, Appli
22, Appli
23, Appli
24, Appli
24, Appli
25, Appli
26, Appli
27, Appli
27, Appli
28, Appli
28, Appli
28, Appli
29, Appli
20, Appli
20, Appli
20, Appli
21, Appli
22, Appli
24, Appli
26, Appli
27, Appli
28, App
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gaps
                                                                                                  seduence
                                      Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Wagner, Fred W.
APPLICANT: Wagner, Fred W.
APPLICANT: Stout. Jay
APPLICANT: Bout. Jay
APPLICANT: Henriksen, Dennis
APPLICANT: Partridge, Bruce
APPLICANT: Partridge, Bruce
APPLICANT: Manning, Shane
TITLE OF INVENTION: Recombinant Polypeptides
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADRESS:
ADDRESSEE: Merchant & Gould
STREET: 3100 No. 5512459west Center
CITY: Minneapolis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 99.4%; Score 177; DB 1; Length 37; Best Local Similarity 100.0%; Pred. No. 2.9e-18; Matches 34; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: MINEAPOLIS

CINTRY: WAS

COUNTRY: USA

ZIF: 55402

COMPUTER ELDABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/NS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/095,162
FILING DATE: 20-JUL-1993
CLASSIFICATION: 514
ATTONEY/AGENT INFORMATION:
NAME: Welson, Albin J.
REGISTRATION NUMBER: 28,659
REFERENCE/POCKET NU
US-08-095-162-15
US-08-408-825-9
US-08-808-825-9
US-08-989-324-11
US-08-35-374-15
US-09-258-750-50
US-09-258-750-50
US-09-258-750-50
US-09-32-596-2
US-09-33-415-2
US-09-33-415-2
US-09-308-111-50
US-09-398-111-50
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ALIGNMENTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 1
US-08-095-162-19
; Sequence 19, Application US/08095162
; Fatent No. 5512459
; GENERAL INFORMATION:
            MOLECULE TYPE: peptide
IMMEDIATE SOURCE:
CLONE: GLP1 (1-37)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-08-095-162-19
         1, Appli
1, Appli
1, Appli
1, Appli
9, Appli
Appli
Appli
Appli
Appli
Appli
                                                                                                                                                                                                              July 3, 2004, 00:21:27; Search time 18.0435 Seconds [without alignments] 100.142 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 1, Appendix Sequence 1, Appendix Sequence 1, Appendix Sequence 19, Appendix Sequence 1, Appendix Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 19,
Sequence 19,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence
Sequence
Sequence
Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence
Sequence
Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence
Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Seguence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /cgn2_6/ptodata/2/iaa/5A_COMB.pep:*
/cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
/cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
/cgn2_6/ptodata/2/iaa/6B_COMB.pep:*
/cgn2_6/ptodata/2/iaa/RCTUS_COMB.pep:*
/cgn2_6/ptodata/2/iaa/RCTUS_COMB.pep:*
                                         GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                    US-09-943-084-1
178
1 ?FERHAEGTFTSDVSSYLEGQAAKEFIAWLVKGRG 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-08-095-162-19

US-08-470-220A-19

US-08-470-342-19

US-09-302-596-1

US-09-623-618B-1

US-09-623-618B-1

US-09-633-618B-1

US-09-6591-19

US-09-657-313A-1

US-09-657-313A-1

US-09-876-38B-1

US-09-258-750-82

US-09-258-750-82

US-09-258-750-82

US-09-298-111-82

US-09-298-750-83

US-09-298-750-83
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-09-398-111-89
US-09-398-111-90
US-09-212-663-25
US-09-258-750-58
US-09-398-111-58
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          S-09-398-111-83
S-09-258-750-89
S-09-258-750-90
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   389414 seqs, 51625971 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                        - protein search, using sw model
                                                                                                                                                                                                                                                                                                                                                                                                                                                          BLOSUM62
Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Minimum DB seq length: 0 Maximum DB seq length: 20000000000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query
Match Length DB
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Scoring table:
                                                                                                                                                                                                                                                                                                                                                                       Perfect score:
                                                                                                                                                            OM protein
                                                                                                                                                                                                                                                                                                                                                                                                    Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Searched:
                                                                                                                                                                                                                        Run on:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Result
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ģ
```

ò

a ò

```
is Sequence 1, Application US/09302596

sequence 1, Application US/09302596

patent No. 6284725

GENERAL INFORMATION:

APPLICANT: Coolidge, Thomas R.

TITLE OF INVENTION: Ischemic and Reperfused Tissue

TITLE OF INVENTION: Ischemic and Reperfused Tissue

TITLE OF INVENTION: 1schemic and Reperfused Tissue

FILE REPRENCE: 1999-04-30

FRIOR APPLICATION NUMBER: 60/103,498

PRIOR PRIOR DATE: 1998-10-08

NUMBER OF EXQ ID NOS: 13

SOFTWARE: Patent In Ver. 2.0

SEQ ID NO 1

IERNGTH: 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 37;
     Enzymatic Method for Modification of
Recombinant Polypeptides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Indels
TITLE OF INVENTION: Enzymatic Method for Modification TITLE OF INVENTION: Recombinant Polypeptides NUMBER OF SEQUENCES: 26 CORRESPONDENCE ADDRESS: ADDRESSE: ADDRESSE: Merchant & Gould STREET: 3100 Mo. 6037143west Center CITY: Minneapolis STREET: 3100 Mo. 6037143west Center STREET: 3100 Mo. 6037143west Center COWPITER: USA COWPUTER READABLE FORM: MEDIUM TYPE: CIDPDY disk COMPUTER: IBM PC COMPATIBLE OF PRANCES PATERIN RELABORIS PATERIN RELABORIS PATERIN RELABORIS SOFTWARE: PATERIN DATA: APPLICATION NUMBER: US/08/967,374 APPLICATION NUMBER: US/08/967,374 FILING DATE: 29-AUG-1995 ATTORNEY/AGENT INPOMMATION: REGISTRATION NUMBER: 35-093 REGISTRATION NUMBER: 35-093 REGISTRATION NUMBER: 35-093 REGISTRATION NUMBER: 35-093 REGISTRATION NUMBER: 35-090 TELERBENCE: 612-332-5300 TELERBENCE: 612-332-5300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    99.4%; Score 177; DB 3; 100.0%; Pred. No. 2.9e-18; tive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     4 FERHARGTFTSDVSSYLEGGAAKEFIAWLVKGRG 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPAX: 612-332-9081
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 37 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  34; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: pepti-
IMMEDIATE SOURCE:
CLONE: GLP1 (1-37)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 amino acid
GY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; TYPE: PRT
; ORGANISM: mammalian
US-09-302-596-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-08-967-374-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ద
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ò
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ö
                                                                                                                                                                                                                                                   GENERAL INCORDATION:

APPLICANT: Wagner, Fred W.
APPLICANT: Stout, Jay
APPLICANT: Barrissen, Dennis
APPLICANT: Henriksen, Dennis
APPLICANT: Henriksen, Dennis
APPLICANT: Henriksen, Dennis
APPLICANT: Manning, Sance
ITILE OF INVENTION: Barymatic Method for Modification of
TITLE OF INVENTION: Recombinant Polypeptides
INVERSIONERS: 26
CORRESSEN Merchant & Gould
STREET: 3100 No. 5707826west Center
CITY: Minneapolis
STREET: 3100 No. 5707826west Center
CITY: Minneapolis
COUNTRY: USA
ZIP: 55402
COUNTRY: USA
ZIP: 55402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: BARDABLE FORM:
MEDIUM TYPE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/470,220A
PILING DATE: OF UNIVERSED
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 37;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
99.4%; Score 177; DB 1; I
Best Local Similarity 100.0%; Pred. No. 2.9e-18;
Matches 34; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   4 PERHABGTFTSDVSSYLEGGAAKEFIAWLVKGRG 37
                                                          4 FERHAEGTFTSDVSSYLEGQAAKEFIAMLVKGRG 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              AFILING DATE: 06-JUN 1995
CLASSIFICATION: 435
PRIOR APPLICATION 1935
PRIOR APPLICATION DATA: 08/095,162
FILING DATE: 20-JUL-1993
ATTORNSY/ASTAT INFORMATION:
NAME: Nelson, Albin J.
REGISTRATION NUMBER: 28,659
REFERENCE/DOCKET NUMBER: 8648.32-USO1
TELECOMUNICATION INFORMATION:
TELECOMONICATION INFORMATION:
TELECOMONICATION INFORMATION:
TELECOMONICATION INFORMATION:
TELECOMONICATION INFORMATION:
TELECOMONICATION: 612-332-9081
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 3
US-08-967-374-19
1S-040-nce 19, Application US/08967374
1Patent No. 6037143
1GENERAL INFORMATION:
APPLICANT: Wagner, Fred W.
APPLICANT: Stout, Jay
APPLICANT: Henriksen, Dennis
APPLICANT: Peartridge, Bruce
APPLICANT: Manning, Shane
                                                                                                                                                        RESULT 2
US-08-470-220A-19
Sequence 19, Application US/08470220A
Patent No. 5707826
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: 612-332-9081
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              37 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: peptide
IMMEDIATE SOURCE:
CLONE: GLP1 (1-37)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-08-470-220A-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH:
```

ô

ö

Gaps

ö

Indels

99.4%; Score 177; DB 3; I 100.0%; Pred. No. 2.9e-1B; tive 0; Mismatches 0;

Conservative

Ouery Match Best Local Similarity Matches 34; Conserv

Š g Length 37;

ò g

```
34; Conservative
                                                                                                                                                                                                                       US-09-623-618B-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-623-618B-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-333-415-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-333-415-1
Matches
                                                        ò
                                                                                                       ð
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ઠ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        99.4%; Score 177; DB 3; Length 37; 100.0%; Pred. No. 2.9e-18;
                                                                                                                                                                                                                                                                                        APPLICANT: Lambert, William J.
APPLICANT: Lambert, William J.
APPLICANT: Min, Yesook
APPLICANT: Gelfand, Robert A.
APPLICANT: Gelfand, Robert A.
APPLICANT: Geoghegan, Kieran P.
APPLICANT: Gelfand, Robert A.
APPLICANT: Dennis B.
TITLE OF INVENTION: Prolonged Delivery of Peptides
NUMBER OF SEQUENCES: 7
CORRESSED: Pfizer Inc
STREET: 235 Bast 42nd Street, 20th Floor
CITY: New York
COTHYRY: U.S.A.
ZIP: 10017-3755
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENT Release #1.0, Version #1.25
GURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/472,349
                       2 FERHAEGTFTSDVSSYLEGQAAKEFIAWLVKGRG 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION: 514

CLASSIFICATION: 514

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/181,655

ATTORNEY/AGENT INFORMATION:
NAME: Sheyka, Robert F.
RAGISTRATION NUMBER: 31,304

REFERENCE/DOCKET NUMBER: 11,304

REFERENCE/DOCKET NUMBER: 11,304

TELEFONMUNICATION INFORMATION:
TELEFONMUNICATION INFORMATION:
TELEFAX: (212)573-1189

TELEFAX: (212)573-1189

TELEFAX: N/A

INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 37 amino acids
TYPE: amino acids
                                                                                                                                                                                                                    Sequence 1, Application US/08472349
Patent No. 6284727
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ANTI-SENGE: NO FRAGMENT TYPE: N-terminal ORIGINAL SOURCE: ORGANISM: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             IMMEDIATE SOURCE:
LIBRARY: N/A
CLONE: N/A
POSITION IN GENOME:
CHROMOSOME/SEGMENT: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STRAIN: N/A
INDIVIDUAL ISOLATE:
HAPLOTYPE: N/A
CELL LINE: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MAP POSITION: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE:
                                                                                                                                                            RESULT 5
US-08-472-349-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ;
US-08-472-349-1
```

```
### Sequence 1. Application US/09333415
### Sequence 1. Application US/09333415
### Patent No. 6344180
### Sequence 1. Application US/09333415
### SEPLICANT: Holds, Jons J.
### APPLICANT: Holds, Jons J.
### APPLICANT: Wilsboll, Tina
### TITLE OF INVENTION: GLP-1 as a Diagnostic Test to Determine Beta-Cell
### TITLE OF INVENTION: Function and the Presence of the Condition of IGT and
### TITLE OF INVENTION: Type-11 Diabetes
### TITLE OF INVENTION: Type-11 Diabetes
### TITLE OF INVENTION: Type-11 Diabetes
### CORRENT PILING DATE: 1999-06-15
### CURRENT PILING DATE: 1999-06-15
### CURRENT PILING DATE: 1999-06-15
### CURRENT PILING DATE: 1999-06-15
### TITLE OF UNOS: 13
### SOFTWARE: PatentIn Ver. 2.0
### SOFTWARE: PatentIn Ver. 2.0
### SOFTWARE: PATENTING DATE: 1999-06-15
### CORPANIES: PATENTING DATE: 1999-06-15
### COR
ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
     Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: Peptide
ô
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: Eridon, Dominique P.

APPLICANT: Eridon, Dominique P.

APPLICANT: Erino, Alan M.

APPLICANT: Estin, Alan M.

APPLICANT: Estino, Alan M.

APPLICANT: Leblanc, Anouk

APPLICANT: Leblanc, Anouk

FILE REFERENCE: Sorge

CURRENT FILING DATE: 2000-09-05

CURRENT APPLICATION NUMBER: US/09/623,618B

CURRENT FILING DATE: 2000-09-05

PRIOR APPLICATION NUMBER: 60/13563

PRIOR APPLICATION NUMBER: 60/13563

PRIOR APPLICATION NUMBER: 60/134,406

PRIOR FILING DATE: 1999-10-15

PRIOR FILING DATE: 1999-10-15

NUMBER OF SEQ ID NOS: 35

SOFTWARE: FASESEQ for Windows Version 4.0

SEQ ID NO : SEQ ID NOS: 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 99.4%; Score 177; DB 4; Length 37; Best Local Similarity 100.0%; Pred. No. 2.9e-18; Matches 34; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 99.4%; Score 177; DB 4; Length 37; Best Local Similarity 100.0%; Pred. No. 2.9e-18; Matches 34; Conservative 0; Mismatches 0; Indel8
     Indels
     ö
                                                                                                      2 FERHABGTFTSDVSSYLEGQAAKEFIAMLVKGRG 35
                                                                                                                                                                                        37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2 FERHAEGIFISDVSSYLEGOAAKEFIAWLVKGRG 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     4 FERHABGTFTSDVSSYLEGGAAKEFIAWLVKGRG 37
                                                                                                                                                          4 FERHABGTFTSDVSSYLEGGAAKEPIAWLVKGRG
     0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 1, Application US/09623618B Patent No. 6329336
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: PRT
ORGANISM: Artificial Sequence
```

ô

Gaps

ö

ò

```
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Bridon, Dominique P.
APPLICANT: Bridon, Dominique P.
APPLICANT: L'Archeveque, Benoit
APPLICANT: L'Archeveque, Benoit
APPLICANT: Holmes, Darren L.
APPLICANT: Leblanc, Anouk
APPLICANT: Leblanc, Anouk
TIER REFERENCE: 500862001600
CURRENT APPLICATION NUMBER: 08/09/657,332A
CURRENT APPLICATION NUMBER: 60/159,783
PRIOR PILING DATE: 1999-10-15
PRIOR PILING DATE: 1999-05-17
PRIOR PILING DATE: 1999-05-17
NUMBER OF SEQ ID NOS: 35
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 1
LENGTH: 37
CREATE PRIOR ATTIFICIAL Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 1, Application US/09805507
Patent No. 657981
GENERAL INFORMATION:
APPLICANT: COLIDBE, THOWAS R.
APPLICANT: EHLERS, MARIO
TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
FILE REFERENCE: 089187/0395
CURRENT APPLICATION NUMBER: US/09/805,507
CURRENT FILING DATE: 2001-03-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic; CTHER INFORMATION: Peptide US-09-657-332A-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match

99.4%; Score 177; DB 4; Length 37;
Best Local Similarity 100.0%; Pred. No. 2.9e-18;
Matches 34; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                         Length 37;
                                                                                                                                                                                                                                                                                                                                                                                          Indels
                                                                                                                                                                                                                                                                                                                                         99.4%; Score 177; DB 4; I 100.0%; Pred. No. 2.9e-18; ive 0; Mismatches 0;
     Ischemic and Reperfused Brain
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2 PERHABGIFTSDVSSYLEGQAAKEFIAWLVKGRG 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PERHABGTFTSDVSSYLEGQAAKEFIAWLVKGRG 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  4 FERHAEGTFTSDVSSYLEGQAAKEFIAWLVKGRG 37
                                                                                                                                                                                                                                                                                                                                                                                                                                          2 FERHAEGTFTSDVSSYLEGGAAKEFIAWLVKGRG 35
FILE REFERENCE: P03660US2
CURRENT APPLICATION NUMBER: US/09/303,016
CURRENT FILING DATE: 1999-04-30
PRIOR APPLICATION NUMBER: 60/103,498
PRIOR PILING DATE: 1998-10-08
NUMBER OF SEQ ID NOS: 13
SEQ ID NO 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 1, Application US/09657332A; Patent No. 6514500; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 100.0
Matches 34; Conservative
                                                                                                                                                                                                                                            TYPE: PRT
ORGANISM: Homo sapiens
US-09-303-016-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 10
US-09-657-332A-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-805-507-1
                                                                                                                                                                                                                             LENGTH: 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             엄
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ð
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      셤
                                                                                                                                                                                                                                                                                                                                                                                                                                                ઠે
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ò
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Coolidge, Thomas R.
APPLICANT: Enlers, Marion R.W.
ITLE OF INVENTION: Metabolic Intervention with GLP-1 or its Biologically; TITLE OF INVENTION: Active Analogues to Improve the Function of the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ö
                                                                                                                                                                                                                                                    APPLICANT: Wagner, Fred W.
Stout, Jay
Henriksen, Dennis
Partridge, Bruce
Manning, Shane
TITLE OF INVENTION: Enzymetic Method for Modification of
Recombinant Polypeptides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match

99.4%; Score 177; DB 4; Length 37;
Best Local Similarity 100.0%; Pred. No. 2.9e-18;
Matches 34; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NATE:
FILING DATE: 17-Feb-2000
CLASSIFICATION: <UNKNOWN>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:

APPLICATION DATA:
APPLICATION NUMBER: 08/520,485
FILING DATE: «Unknown»
ATTORNEY/AGENT INFORMATION:
NAME: CARTER. O'CHAILES G.
REGISTRATION NUMBER: 35,093
REFERENCE/DOCKET NUMBER: 8648.32-USD1
TELEPHONE: 612-332-5300
TELEPHONE: 612-332-9081
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2 FERHABGTFTSDVSSYLEGGAAKEFIAWLVKGRG 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4 FERHAEGTFTSDVSSYLEGQAAKEFIAMLVKGRG 37
                                      PERHABGTETSDVSSYLEGGAAKEFIAWLVKGRG 37
            FERHAEGTFTSDVSSYLEGQAAKEFIAWLVKGRG 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSER: Merchant & Gould
STREET: 3100 No. 6403361west Center
CITY: Minneapolis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLONE: GLP1 (1-37)
SEQUENCE DESCRIPTION: SEQ ID NO: 19:
                                                                                                                                                                            Sequence 19, Application US/09505991
Patent No. 6403361
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 1, Application US/09303016 Patent No. 6429197
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 37 amino acids TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO: 19
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: linear
MOLECULE TYPE: peptide
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STATE: MN
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ZIP: 55402
                                                                                                                                RESULT 8
US-09-505-991-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-505-991-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-303-016-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 9
```

ô

Gaps

ö

ð 요

```
ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ö
                                                                                                                                                                                                                                                                                                                                                                                                     Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
                                                                                                                                                                                                                                    OTHER INFORMATION: Description of Unknown Organism: Mammalian GLP; OTHER INFORMATION: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: Description of Artificial Seguence: Synthetic COTHER INFORMATION: Peptide US-09-876-388-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: Bridon, Dominique P.
APPLICANT: Bridon, Dominique P.
APPLICANT: Bridon, Dominique P.
APPLICANT: Bridon, Dominique P.
APPLICANT: Bridon, And M.
APPLICANT: Bridon Alan M.
APPLICANT: Hollanc, Anouk
APPLICANT: St. Pierre Serge
TITLE OF INVENTION: LONG LASTING INSULINCTROPIC PEPTIDES
FILE REPERENCE: 5008-62001610;
CURRENT APPLICATION NUMBER: US/09/876,388
CURRENT FILING DATE: 2001-09-24
PRIOR PILING DATE: 2000-09-05
PRIOR PILING DATE: 2000-09-05
PRIOR PILING DATE: 1999-10-15
PRIOR APPLICATION NUMBER: 60/159,783
PRIOR APPLICATION NUMBER: 60/134,406
PRIOR PILING DATE: 1999-10-15
SOFTHARE: PARENTING DATE: 1999-10-15
SOFTHARE: PARENTING DATE: 1999-10-15
SOFTHARE: PARENTIN VON: 35
SOFTHARE: PARENTIN VON: 35
LENGTH: 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    99.4%; Score 177; DB 4; Length 37; 100.0%; Pred. No. 2.9e-18; tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                     Length 37
                                                                                                                                                                                                                                                                                                                                                                                                     Indels
                                                                                                                                                                                                                                                                                                                                               Query Match
99.4%; Score 177; DB 4; 1
Best Local Similarity 100.0%; Pred. No. 2.9e-1B;
Matches 34; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                           2 FERHAEGTFTSDVSSYLEGQAAKEFIAWLVKGRG 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          4 FERHAEGTFTSDVSSYLEGQAAKEFIAWLVKGRG 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2 FERHAEGIFISDVSSYLEGQAAKEFIAWLVKGRG 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            4 FERHAEGTFTSDVSSYLEGGAAKEFIAWLVKGRG 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Newgard, Christopher B. APPLICANT: Halban, Philippe A. APPLICANT: No. 6110707mington, Karl D.
PRIOR APPLICATION NUMBER: 09/859,804
PRIOR FILING DATE: 2001-05-18
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin Ver. 2.1
LENGTH: 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 56, Application US/08784582 Patent No. 6110707 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 1, Application US/09876388
Patent No. 6593295
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Ouery Match
Best Local Similarity 100."
Matches 34; Conservative
                                                                                                                                                           TYPE: PRT
ORGANISM: Unknown Organism
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 13
US-08-784-582-56
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-876-388-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             g
                                                                                                                                                                                                                                                                                                                                                                                                                                                           ò
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ઠે
```

```
Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MESULT 14
US-08-784-582-58
i Sequence 58, Application US/08784582
i Patent No. 5110707
i GENERAL INFORMATION:
APPLICANT: Newgard, Christopher B.
APPLICANT: No. 6110707mington, Karl D.
APPLICANT: Thigpen, Anice B.
APPLICANT: Thigpen, Anice B.
APPLICANT: Quade, Christian
APPLICANT: Quade, Christian
APPLICANT: Chase, Free
APPLICANT: Nacarry, Dennis
TITLE OF INVENTION: RECOMBINANT EXPRESSION OF PROTEINS
TITLE OF INVENTION: RECOMBINANT EXPRESSION
OURRESONDENCES: 79
CORRESPONDENCE ADDRESS:
STREFT: ADDRESSEE: Arnold whi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ö
                                                  APPLICANT: McGarry, Dennis
TITLE OF INVENTION: RECOMBINANT EXPRESSION OF PROTEINS FROM
TITLE OF INVENTION: SECRETORY CELL LINES
CORRESPONDENCE: 79
CORRESPONDENCE ADDRESS:
ADDRESSER: Arnold, White & Durkee
STREET: P.O. Box 4433
CITY: Houston
STATE: Texas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 180;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Indels
                                                                                                                                                                                                                        99.4%; Score 177; DB 3;
100.0%; Pred. No. 1.8e-17;
tive 0; Mismatches 0;
Clark, Samuel A.
Thigpen, Anice E.
Quaade, Christian
Kruse, Fred
                                                                                                                                                                                                                    Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 100.0
Matches 34; Conservative
                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS
                                                                                                                                                                           COUNTRY: U
ZIP: 77210
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-784-582-56
                                       APPLICANT:
              APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             8
```

```
Query Match
99.4%; Score 177; DB 3; Length 180;
Best Local Similarity 100.0%; Pred. No. 1.8e-17;
Matches 34; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            95 FERHAEGTFFSDVSSYLEGGAAKEFIAMLVKGRG 128
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2 PERHAEGIFISDVSSYLEGOAAKBFIAWLVKGRG 35
           PILING DATE: CONCURRENTLY Herewith CLASSIPICATION: 435
PRIOR APPLICATION DATA:
APPLICATION DATA:
PILING DATE: 15-0CT-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/028,427
ATIONED ATE : 19-0AN-1996
ATIONED ATE: 19-0AN-1996
ATIONED ATE: 19-0AN-1996
ATIONED ATE: 18-0AN-1996
ATIONED ATE: 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Search completed: July 3, 2004, 00:28:47
Job time: 19.0435 secs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 180 amino acids
TYPE: amino acid
STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    J TOPOLOGY: linear
US-08-784-582-61
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ð
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    음
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: Newgard, Christopher B.
APPLICANT: Halban, Philippe A.
APPLICANT: Alaban, Philippe A.
APPLICANT: Clark, Samuel A.
APPLICANT: Clark, Samuel A.
APPLICANT: Clark, Samuel A.
APPLICANT: Clark, Samuel B.
APPLICANT: Clark, Samuel B.
APPLICANT: Clark, Samuel B.
APPLICANT: Kruse, Fred
APPLICANT: Christian
APPLICANT: Cruse, Fred
APPLICANT: Christian
APPLICANT: Christian
APPLICANT: Christian
APPLICANT: Christian
APPLICANT: Kruse, Fred
APPLICANT: Christian
APPLICANT: Clark
AP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ô
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match

99.4%; Score 177; DB 3; Length 180;
Best Local Similarity 100.0%; Pred. No. 1.8e-17;
Matches 34; Conservative 0; Mismatches 0; Indels
CITY: Houston
STATE: Texas
COUNTRY: USA
ZIP: 77-21
ZIP: 77-21
COMPUTER: PLODAY disk
COMPUTER: PLODAY MS-DOS
SOFFWARE: Patentin Release #1.0, Version #1.30
SUBREMY APPLICATION NUMBER: US/08/784.582
PLICATION NUMBER: US/08/784.582
PRIOR APPLICATION NUMBER: US 60/028,427
FILING DATE: 15-OCT-1996
PRIOR APPLICATION NUMBER: US 60/028,427
FILING DATE: 15-OCT-1996
APPLICATION NUMBER: US 60/028,427
FILING DATE: 19-DAN-1996
ATPOLICATION NUMBER: US 08/589,028
FILING DATE: 19-DAN-1996
ATPOLICATION NUMBER: 37,642
ATPOLICATION NUMBER: 37,642
ATPOLICATION NUMBER: 37,642
ATPOLICATION NUMBER: 37,642
TELECOMMUNICATION INPORMATION:
TELEPHONE: 512/418-3000
TELEPHONE: 512/418-3000
TELEPHAX: 512/418-3000
TELEPHAX: 512/419-3000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/784,582
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           95 FERHAEGTFTSDVSSYLEGQAAKEFIAWLVKGRG 128
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2 FERHARGIFISDVSSYLEGGAAKEFIAWLVKGRG 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-08-784-582-61, Application US/08784582; Patent No. 610707.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 180 amino acids IYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-08-784-582-58
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ò
```

; 0 Sequence 89, Appl Sequence 2, Appli Sequence 25, Appli Sequence 25, Appli Sequence 26, Appli

433

Sequence Seq

```
COMPUTED F055

COMPUTER READABLE FORM:
MEDIUM TYPER PIORDY
COMPUTER: IBM PC compatible
CURRENT APPLICATION DATA:
FILING DATE: 31-A042-2001
FILING DATE: 31-A042-2001
FILING DATE: 31-A042-2001
FILING DATE: 31-A042-2001
FILING DATE: A042-2001
FILING DATE: A0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Kim, Yesook
APPLICANT: Kim, Yesook
Gi, Hong
Gelfand, Robert A.
Geoghegan, Kieran P.
Danley, Dennis E.
TITLE OF INVENTION: Prolonged Delivery of Peptides
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Street, 20th Floor
US-10-285-079-83
US-10-285-079-83
US-10-285-079-99
US-10-285-079-99
US-10-285-079-99
US-10-285-079-99
US-09-805-079-2
US-09-805-507-2
US-09-805-507-2
US-09-953-0218-2
US-09-953-0218-2
US-10-055-259-2
US-10-055-259-2
US-10-285-079-59
US-10-285-079-59
US-10-285-079-59
US-10-285-079-59
US-10-287-892-16
US-10-287-892-16
US-10-287-892-16
US-10-287-892-16
US-10-288-340-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/08/181,655
RILING DATE: «UNKNOWN»
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ALIGNMENTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Sheyka, Robert F.
REGISTRATION NUMBER: 31,304
REFERENCE/DOCKET NUMBER: PC8391
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)573-1189
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 1, Application US/09943084 Publication No. US20030050237A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: Pfizer Inc
STREET: 235 East 42nd St
CITY: New York
STATE: New York
COUNTRY: U.S.A.
      US-09-943-084-1
    RESULT 1
      Sequence 1, Appli
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 1, Appli
                                                                                                                                                             {without alignments)
215.093 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 32,
Sequence 31,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 1,
Sequence 1,
Sequence 1,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Description
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence
                                                                                                                                            July 3, 2004, 00:26:08 ; Search time 50.6522 Seconds
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                rentiamen, application, Agr.

(ggn2_6/ptodata/2/pubpaa/US07_PUBCOMB.pep:*

(ggn2_6/ptodata/2/pubpaa/US07_NEW_PUB.pep:*

(ggn2_6/ptodata/2/pubpaa/US06_PUBCOMB.pep:*

(ggn2_6/ptodata/2/pubpaa/US06_PUBCOMB.pep:*

(ggn2_6/ptodata/2/pubpaa/PCTOS_PUBCOMB.pep:*

(ggn2_6/ptodata/2/pubpaa/PCTOS_PUBCOMB.pep:*

(ggn2_6/ptodata/2/pubpaa/US08_PUBCOMB.pep:*

(ggn2_6/ptodata/2/pubpaa/US08_PUBCOMB.pep:*

(ggn2_6/ptodata/2/pubpaa/US08_PUBCOMB.pep:*

(ggn2_6/ptodata/2/pubpaa/US08_PUBCOMB.pep:*

(ggn2_6/ptodata/2/pubpaa/US08_PUBCOMB.pep:*

(ggn2_6/ptodata/2/pubpaa/US08_PUBCOMB.pep:*

(ggn2_6/ptodata/2/pubpaa/US08_PUBCOMB.pep:*

(ggn2_6/ptodata/2/pubpaa/US08_PUBCOMB.pep:*

(ggn2_6/ptodata/2/pubpaa/US108_PUBCOMB.pep:*

(ggn2_6/ptodata/2/pubpaa/US108_PUBCOMB.pep:*

(ggn2_6/ptodata/2/pubpaa/US108_PUBCOMB.pep:*

(ggn2_6/ptodata/2/pubpaa/US108_PUBCOMB.pep:*

(ggn2_6/ptodata/2/pubpaa/US108_PUBCOMB.pep:*

(ggn2_6/ptodata/2/pubpaa/US108_PUBCOMB.pep:*

(ggn2_6/ptodata/2/pubpaa/US108_PUBCOMB.pep:*

(ggn2_6/ptodata/2/pubpaa/US108_PUBCOMB.pep:*
                                                                                                                                                                                                                                                                                                                                                                                                         1276540
                         GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                    US-09-943-084-1
178
1 PFERHAEGTFTSDVSSYLEGQAAKEFIAMLVKGRG 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-10-943-084-1
US-10-215-272-32
US-10-215-272-31
                                                                                                                                                                                                                                                                                                                                                                                                   Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-876-388-1
US-09-851-738-1
US-09-851-738-1
US-09-859-864-1
US-09-982-978-1
US-09-953-021B-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-10-091-258-1
US-10-055-259-1
US-10-287-892-1
US-10-288-340-1
US-10-097-230-1
US-10-322-839-1
                                                                                                                                                                                                                                                                                                                                                                 1276540 segs, 311283816 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SUMMARIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Published Applications AA:*
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                   OM protein - protein search, using sw model
                                                                                                                                                                                                                                                                                                                          , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                           length: 0
length: 2000000000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   BLOSUM62
Gapop 10.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query
Match
```

Result Š. Minimum DB seq Maximum DB seq

Database :

Perfect score:

Run on:

Sequence:

Scoring table:

```
Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CTHER INFORMATION: Description of Artificial Sequence: Synthetic potner INFORMATION: Peptide US-09-876-388-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ö
                                     Sequence 31, Application US/10215272
Sequence 31, Application US/10215272
Publication No. US2004000246BA1
GENERAL INFORMATION:
APPLICANT: Genzyme Corporation
APPLICANT: Armentano, Donna
APPLICANT: Barsons, Geoffrey
ITILE OF INVENTION: Blood Sugar Disorders
SURRENT APPLICATION NUMBER: US/10/215,272
CURRENT APPLICATION NUMBER: US/10/215,272
PRIOR FILING DATE: 2001-08-08
NUMBER OF SEQ ID NOS: 54
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 31
LENGTH: 36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 36;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           15.99-9876-3881

15.Sequence 1, Application US/09876388

16.Patent No. US20020049153A1

16.DERALI INFORMATION:

16.APPLICANT: Bridon, Dominique P.

17.DERALI INFORMATION:

18.APPLICANT: L'Archeveque, Benoit

18.APPLICANT: Leblanc, Darren L.

18.APPLICANT: Leblanc, Anouk

18.APPLICANT: Lobor St. Pierre, Serge

17.TLE OF INVENTIVE: LONG LAGTING INSULINOTROPIC PEPTIDES

17.TLE OF INVENTIVE: 2000-09-24

17.TLE OF INTENTIVE DATE: 2001-09-24

18.APPLICATION NUMBER: 09/623,618

18.RIOR APPLICATION NUMBER: PCT/US00/13563

18.RIOR PILING DATE: 12000-09-10-15

18.RIOR PILING DATE: 1999-10-15

18.RIOR PILING DATE: 1999-10-15

18.SOFTWARE: PRICENTIN NUMBER: 60/134,406

18.RIOR PILING DATE: 1999-05-17

18.SOFTWARE: PRICENTIN NUMBER: 60/134,406

18.RIOR PILING DATE: 1999-05-17

18.SOFTWARE: PRICENTIN VET. 2.1

18.SOFTWARE: PRICENTIN VET. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            99.4%; Score 177; DB 9; Length 37; 100.0%; Pred. No. 1.8e-18; ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 US-10-215-272-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 99.4%; Score 177; DB 15; Best Local Similarity 100.0%; Pred. No. 1.7e-18; Matches 34; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          3 FERHAEGTFTSDVSSYLEGQAAKEFIAWLVKGRG 36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2 FERHARGIFISDVSSYLEGQAAKEFIAWLVKGRG 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 100.
Matches 34; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-876-388-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              IYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ઠે
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             a
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       .;
0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ô
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Wadsworth Samuel C.
APPLICANT: Wadsworth Samuel C.
APPLICANT: Armentano, Donna
APPLICANT: Gregory, Richard J.
APPLICANT: Gregory, Richard J.
APPLICANT: Barsons, Geoffrey
TITLE OF INVENTION: Blood Sugar Disorders
TITLE OF INVENTION: Blood Sugar Disorders
FILE REPERENCE: 2478 2019002 PCT.
CURRENT APPLICATION NUMBER: US/10/215,272
CURRENT FILING DATE: 2002-08-07
PRIOR PLILING DATE: 2001-08-08
NUMBER OF SEQ ID NOS: 54
SOUTHWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 32
LENGTH: 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 99.4%; Score 177; DB 15; Length 35; Best Local Similarity 100.0%; Pred. No. 1.7e-18; Matches 34; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 35;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (3-37) US-10-215-272-32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match

99.4%; Score 177; DB 10;
Best Local Similarity 100.0%; Pred. No. 1.7e-18;
Matches 34; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2 FERHAEGTFTSDVSSYLEGQAAKEFIAWLVKGRG 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2 FERHAEGTFTSDVSSYLEGQAAKEFIAWLVKGRG 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2 FERHAEGIFISDVSSYLEGQAAKEFIAWLVKGRG 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2 FERHARGTFTSDVSSYLEGGAAKEFIAWLVKGRG 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SRQUENCE DESCRIPTION: SEQ ID NO: 1:
US-09-943-084-1
                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: N/A
STRAIN: N/A
INDIVIDUAL ISOLATE: N/A
HAPLOTYPE: N/A
CELL LINE: N/A
IMMEDIATS SOURCE:
LIBRARY: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 32, Application US/10215272 Publication No. US20040002468A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CHROMOSOME/SEGMENT: N/A MAP POSITION: N/A
                  INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 37 amino acids
(212)573-1939
                                                                                                                                                                                                   TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTAETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
                                                                                                                                          TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Genzyme Corporation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLONE: N/A
POSITION IN GENOME:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   UNITS: N/A
   TELEFAX:
```

ઠે ద

ö

ô

8 g

```
GENERAL INFORMATION:
APPLICANT: Coolidge, Thomas L.
APPLICANT: Coolidge, Mario R.W.
TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of Isk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INPORMATION:
APPLICANT: COLIDGE, THOWAS R.
APPLICANT: COLIDGE, THOWAS R.
APPLICANT: COLIDGE, THOWAS R.
TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
FILE REFREENCE: 089187/10395
CURRENT APPLICATION NUMBER: 09/982,978
CURRENT FILING DATE: 2001-02-18
PRIOR PILING DATE: 2001-05-18
PRIOR PILING DATE: 2000-05-19
PRIOR FILING DATE: 2000-05-19
SOFTWARE: PALENTING OFF: 2000-05-19
SOFTWARE: PALENTING OFF: 2.1
SEQ ID NO: 1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
                 GENERAL INFORMATION:
APPLICANT: COLIDERS, THOMAS R.
APPLICANT: COLIDERS, MAINE R.
APPLICANT: EHLERS, MAINE
TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
TITLE REPERENCE: 098-187/0395
CURRENT APPLICATION NUMBER: U5/09/959,804
CURRENT FILING DATE: 2001-05-18
PRIOR PILING DATE: 2001-05-18
PRIOR PILING DATE: 2001-05-18
NUMBER OF SEQ ID NOS: 11
SOFTWARE: PATCHTIN VOY: 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; TYPE: PRT
; ORGANISM: Unknown Organism
; FRATURE:
; OTHER INFORMATION: Description of Unknown Organism: Mammalian GLP
; OTHER INFORMATION: peptide
US-09-859-804-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: Description of Unknown Organism: Mammalian GLP OTHER INFORMATION: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 37;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 37;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Indele
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 177; DB 9;
Pred. No. 1.8e-18;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           99.4%; Score 177; DB 9;
100.0%; Pred. No. 1.8e-18;
iive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2 PERHASCIPTSDVSSYLEGOAAKEPIAWLVKGRG 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   4 FERHAEGTFTSDVSSYLEGQAAKEFIAWLVKGRG 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FERHAEGTFTSDVSSYLEGGAAKEFIAWLVKGRG 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FERHAEGTFTSDVSSYLEGQAAKEFIAWLVKGRG 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 1, Application US/09953021B Patent No. US20020147131A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-982-978-1
; Sequence 1, Application US/09982978
; Patent No. US20020146405A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 100.0
Matches 34; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Best Local Similarity 100. Matches 34; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT
ORGANISM: Unknown Organism
Patent No. US20020107206A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 9
US-09-953-021B-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-982-978-1
                                                                                                                                                                                                                                                                                                                                                                                  SEQ ID NO 1
LENGTH: 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       N
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ò
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 셤
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ઠ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               D.
                                                                                                                                                                                                                                   Sequence 1. Application US/09851738

Sequence 1. Seque
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INPORMATION:
APPLICANT: COCLIDEE, THOMAS R.
APPLICANT: COCLIDEE, THOMAS R.
APPLICANT: COCLIDEE, THOMAS R.
TITLE OF INVANION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
TITLE OF INVANION: TREATMENT OF ACUTE
CURRENT APPLICATION NUMBER: US/09/805, S07
CURRENT APPLICATION NUMBER: 09/859, 804
PRIOR FILING DATE: 2001-03-14
PRIOR FILING DATE: 2001-05-18
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PATENTIN VET: 2.1
ESPGTHARE: PATENTIN VET: 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ) OTHER INFORMATION: Description of Unknown Organism: Mammalian GLP; OTHER INFORMATION: peptide
US-09-805-507-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ô
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 37;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 37;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
99.4%; Score 177; DB 9; I
Best Local Similarity 100.0%; Pred. No. 1.8e-18;
Matches 34; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 99.4%; Score 177; DB 9; I
Best Local Similarity 100.0%; Pred. No. 1.8e-18;
Matches 34; Conservative 0; Mismatches 0;
                               FERHARGTFISDVSSYLEGGAAKEFIAWLVKGRG 35
                                                                                          FERHAEGIFISDVSSYLEGOAAKEFIAWLVKGRG 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2 FERHAEGTFTSDVSSYLEGOAAKEFIAWLVKGRG 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    4 FERHABGTFTSDVSSYLEGGAAKEFIAWLVKGRG 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2 FERHARGIFISDVSSYLEGGAAKEFIAWLVKGRG 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FERHARGIFISDVSSYLEGGAAKEFIAMLVKGRG 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 6
US-09-805-507-1
Sequence 1, Application US/09805507
; Patent No. US20020098195A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 7
US-09-859-804-1
; Sequence 1, Application US/09859804
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT
ORGANISM: Unknown Organism
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; ORGANISM: mammalian
US-09-851-738-1
                                                                                                                                                                                                                     US-09-851-738-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
                                                                                   G
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    g
                               ें
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ਨੇ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ŝ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   셤
```

```
Sequence 1, Application US/10288340

Publication No. US2030108568A1

GENERAL INFORMATION:
APPLICANT: Bridon, Dominique P.
APPLICANT: Bridon, Dominique P.
APPLICANT: L'Archeveque, Benoit
APPLICANT: Leblanc, Anouk
APPLICANT: St. Pierrer Serge
APPLICANT: St. Pierrer Serge
APPLICANT: St. Pierrer (Serge)
APPLICANT: APPLICANTON NUMBER: 09/657,332
PRIOR APPLICATION NUMBER: 09/657,332
PRIOR PILING DATE: 1999-10-15
PRIOR FILING DATE: 1999-10-15
NUMBER: OF SEQ ID NOS: 35
SOFTWARE: Patentin Ver. 2.1
FUNDATION 100 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
    Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: Peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PERJURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ö
  ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 37;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Indels
    Indels
    ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  99.4%; Score 177; DB 14;
100.0%; Pred. No. 1.8e-18;
tive 0; Mismatches 0;
                                         35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   4 FERHAEGIFISDVSSYLEGQAAKEFIAWLVKGRG 37
                                                                 4 FERHAEGTFTSDVSSYLEGQAAKEFIAMLVKGRG
    0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Best Local Similarity 100.
Matches 34; Conservative
    34; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-10-287-892-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
    Matches
                                                                              g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Š
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   셤
                                           ⋩
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 1, Application US/10055259
Publication No. US20030091507A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Holst, Jens J.
APPLICANT: Holst, Jens J.
APPLICANT: Vilsboll, Tina
TITLE OF INVENTION: PRESENCE OF THE CONDITION OF IGT AND TYPE-II DIABETES
FILE REPERENCE: P03997US1
CURRENT APPLICATION NUMBER: US/10/055,259
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Hathaway, David R
APPLICANT: Hathaway, David R
APPLICANT: Coolidge, Thomas R
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING PERIPHERAL VASCULAR DISBASE
FILE REPRENCE: RGN-2
CURRENT APPLICATION NUMBER: US/10/091,258
CURRENT FILING DATE: 2002-03-05
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ö
                                                                                                                                                                                                                                                                                                                  ô
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
                                                                                                                                                                                                                                                                                                                  ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    99.4%; Score 177; DB 14; Length 37; 100.0%; Pred. No. 1.8e-18;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 37;
                                                                                                                                                                                                                                                                        Length 37;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Indels
TITLE OF INVENTION: Reperfused Skeletal Muscle Tissue FILE REFERENCE: P03660US6
CURRENT APPLICATION NUMBER: US/09/953,0218
CURRENT FILING DATE: 2001-09-11
PRIOR APPLICATION NUMBER: 09/302,596
PRIOR FILING DATE: 1999-04-30
NUMBER: OF SEQ ID NOS: 13
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                        Score 177; DB 9; L Pred. No. 1.8e-18; 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
99.4%; Score 177; DB 14;
Best Local Similarity 100.0%; Pred. No. 1.8e-18;
Matches 34; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                    2 FERHAEGTFTSDVSSYLEGQAAKEFIAWLVKGRG 35
                                                                                                                                                                                                                                                                                                                                                                               4 FERHAEGTFTSDVSSYLEGQAAKEFIAHLVKGRG 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2 FERHAEGTFTSDVSSYLEGQAAKEFIAWLVKGRG 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4 FERHAEGTFTSDVSSYLEGGAAKEFIAWLVKGRG 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 1, Application US/10091258 Publication No. US20030073626A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                      99.4%; inlarity 100.0%; Conservative 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; ORGANISM; Homo sapiens
US-10-055-259-1
                                                                                                                                                                                                                 ORGANISM: Homo Bapiens
                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
Matches 34; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: PRT
ORGANISM: mammalian
US-10-091-258-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
                                                                                                                                                                                                                                   US-09-953-021B-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 11
US-10-055-259-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                       SULT 10
-10-091-258-1
                                                                                                                                                                                                 TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQ ID NO 1
                                                                                                                                                                          LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   셤
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ઠે
                                                                                                                                                                                                                                                                                                                                                       8
                                                                                                                                                                                                                                                                                                                                                                                         D
```

```
4 FERHAEGTFTSDVSSYLEGQAAKEFIAWLVKGRG 37
                                                                       Search completed: July 3, 2004, 00:51:49 Job time : 51.6522 secs
     셤
                                                                                                                                                                                                                                                                                                      US-010-097-230-1
Sequence 1, Application US/10097230
Sequence 1, Application US/10097230
Sequence 1, Application US/10097230
GENERAL INFORMATION:
APPLICANT: Perfetti, Riccardo
APPLICANT: Pul, Hongxiang
TITLE OF INVENTION: Glucose-Dependent Insulin-Secreting Cells Transfected with a Nucl
TITLE OF INVENTION: Sequence Encoding GLP-1
FILE REFERENCE: 81476-0249704
CURRENT FILING DATE: 2002-03-12
NUMBER OF SEQ ID NOS: 9
SOFTWARE: Patentin version 3.1
FERMINE OF SEQ ID NOS: 9
SEQ ID NO 1
FERMINE OF SEQ ID NOS: 9
                                                                                                                         ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ó
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; OTHER INFORMATION: Description of Unknown Organism: Mammalian GLP peptide US-10-322-839-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 1, Application US/10322839

Publication No. US20040002454A1

GENERAL INPORMATION:
APPLICANT: Coolidge, Thomas R.
APPLICANT: Coolidge, Thomas R.
APPLICANT: Enhers, Mario
APPLICANT: Enhers, Mario
TILLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
FILE REPERENCE: POSO/1052
CURRENT APPLICATION NUMBER: US/10/322,839
CURRENT APPLICATION NUMBER: US 09/859,804
PRIOR APPLICATION NUMBER: US 09/205,239
PRIOR PILING DATE: 2001-05-18
PRIOR FILING DATE: 2001-05-19
NUMBER OF SEQ ID NOS: 13
SEQ ID NO 1
LENGTH: 37
                                                                                                                            Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
                                                                                                                         ;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ö
                                                                       Query Match 99.4%; Score 177; DB 14; Length 37; Best Local Similarity 100.0%; Pred. No. 1.8e-18; Matches 34; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 37;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 37;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
99.4%; Score 177; DB 14;
Best Local Similarity 100.0%; Pred. No. 1.8e-18;
Matches 34; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match

99.4%; Score 177; DB 15;
Best Local Similarity 100.0%; Pred. No. 1.8e-18;
Matches 34; Conservative 0; Mismatches 0;
                                                                                                                                                                    2 FERHAEGTFTSDVSSYLEGGAAKEFIAWLVKGRG 35
                                                                                                                                                                                                   4 FERHAEGTFTSDVSSYLEGQAAKEFIAWLVKGRG 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2 FERHAEGTFTSDVSSYLEGGAAKEFIAWLVKGRG 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    4 FERHABGIFISDVSSYLEGOAAKEFIAWLVKGRG 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2 FERHAEGTFTSDVSSYLEGQAAKBFIAWLVKGRG 35
; OTHER INFORMATION: Peptide US-10-288-340-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: PRT
ORGANISM: Unknown
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-10-097-230-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-10-322-839-1
                                                                                                                                                                       ઠે
                                                                                                                                                                                                                日
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     à
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              셤
```

OM protein

Run on:

Sequence:

Searched:

Database

Result

```
Sequence 1, Applisequence 3, Applisequence 31, Applisequence 31, Applisequence 1, Applisequence 1, Applisequence 1, Applisequence 1, Applisequence 19, Applisequence 34, Applisequence 34, Applisequence 11, Applisequence 11, Applisequence 11, Applisequence 11, Applisequence 11, Appli
                                                                                                                                                                                                                                                                                                                                                   Sequence 14, Appli
Sequence 1, Appli
Sequence 630, Appli
Sequence 631, Appli
Sequence 631, Appli
Sequence 631, Appli
Sequence 631, Appli
Sequence 1246, Appli
Sequence 1277, Appli
Sequence 1277, Appli
Sequence 1777, Appli
Sequence 1776, Appli
Sequence 1777, Appli
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 198,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 199,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 32, Application PC/TUS022527

Sequence 32, Application PC/TUS022527

GENERAL INFORMATION:

APPLICANT: Genzyme Corporation

APPLICANT: Armentano, Donna

APPLICANT: Armentano, Donna

APPLICANT: Armentano, Donna

APPLICANT: Gregory, Richard J.

APPLICANT: Geography Richard J.

APPLICANT: Methods of Treating Diabetes and Other

ITLE OF INVENTION: Methods of Treating Diabetes and Other

ITLE OF INVENTION: Blood Sugar Disorders

FILE REPERBUCE 2478-2015002 PCT

CURRENT APPLICATION NUMBER: PCT/US02/25227

CURRENT APPLICATION NUMBER: PCT/US02/25227

FRIOR RILING DATE: 2001-08-08

NUMBER OF SEQ ID NOS: 54

SOFTWARE: FASTERG for Windows Version 4.0

SEQ ID NO 32

IERNOFF: 35
PCT-US02-25227-32

US-09-49-1084-11

US-10-115-272-31

US-10-215-272-31

US-08-2527-31

US-08-2527-31

US-08-25-27-31

US-08-25-27-31

US-08-25-27-31

US-08-25-27-31

US-08-25-27-31

US-08-25-27-31

US-08-25-28-19

US-08-25-28-11

US-08-25-28-11

US-09-29-11

US-09-29-29-11

US-09-29-20-11

US-09-20-20-11

US-09-20-20-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ALIGNMENTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT ORGANISM: Artificial Sequence PEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 1
PCT-US02-25227-32
                                     3, 2004, 00:22:02; search time 224.348 Seconds (without alignments) 152.272 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Description
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Pending_Patents_AA_Main:*

| cgm2_6/ptodata/2/paa/US06_COMB.pep:*
2: cgm2_6/ptodata/2/paa/US06_COMB.pep:*
3: cgm2_6/ptodata/2/paa/US08_COMB.pep:*
4: cgm2_6/ptodata/2/paa/US08_COMB.pep:*
6: cgm2_6/ptodata/2/paa/US08_COMB.pep:*
6: cgm2_6/ptodata/2/paa/US08_COMB.pep:*
7: cgm2_6/ptodata/2/paa/US08_COMB.pep:*
8: cgm2_6/ptodata/2/paa/US08_COMB.pep:*
9: cgm2_6/ptodata/2/paa/US08_COMB.pep:*
10: cgm2_6/ptodata/2/paa/US08_COMB.pep:*
11: cgm2_6/ptodata/2/paa/US08_COMB.pep:*
12: cgm2_6/ptodata/2/paa/US08_COMB.pep:*
13: cgm2_6/ptodata/2/paa/US08_COMB.pep:*
15: cgm2_6/ptodata/2/paa/US08_COMB.pep:*
15: cgm2_6/ptodata/2/paa/US08_COMB.pep:*
15: cgm2_6/ptodata/2/paa/US08_COMB.pep:*
16: cgm2_6/ptodata/2/paa/US08_COMB.pep:*
17: cgm2_6/ptodata/2/paa/US091_COMB.pep:*
18: cgm2_6/ptodata/2/paa/US091_COMB.pep:*
10: cgm2_6/ptodata/2/paa/US094_COMB.pep:*
11: cgm2_6/ptodata/2/paa/US094_COMB.pep:*
12: cgm2_6/ptodata/2/paa/US094_COMB.pep:*
13: cgm2_6/ptodata/2/paa/US094_COMB.pep:*
14: cgm2_6/ptodata/2/paa/US094_COMB.pep:*
15: cgm2_6/ptodata/2/paa/US094_COMB.pep:*
16: cgm2_6/ptodata/2/paa/US094_COMB.pep:*
17: cgm2_6/ptodata/2/paa/US094_COMB.pep:*
18: cgm2_6/ptodata/2/paa/US094_COMB.pep:*
19: cgm2_6/ptodata/2/paa/US094_COMB.pep:*
10: cgm2_6/ptodata/2/paa/US096_COMB.pep:*
10: cgm2_6/ptodata/2/paa/US096_COMB.pep:*
10: cgm2_6/ptodata/2/paa/US096_COMB.pep:*
10: cgm2_6/ptodata/2/paa/US096_COMB.pep:*
10: cgm2_6/ptodata/2/paa/US096
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     6019581
                            5.1.6
Compugen itd.
                                                                                                                                                                                                                                                                                                                       US-09-943-084-1
178
1 ?FERHAEGTFTSDVSSYLEGQAAKEFIAMLVXGRG 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       6019581 segs, 976053577 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SUMMARIES
                               GenCore version
Copyright (c) 1993 - 2004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                - protein search, using sw model
                                                                                                                                                                                                                                                                                                                                                                                                                                           BLOSUM62
Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Minimum DB seq length: 0
Maximum DB seq length: 200000000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Ouery
Match Length DB
                                                                                                                                                                                                         July
                                                                                                                                                                                                                                                                                                                          Title:
Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score
                                                                                                                                                                                                                                                                                                                                                                                                                                              Scoring table:
```

ò g

```
Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
                                                                                                                                                    ..
0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Gregory, Richard J.
APPLICANT: Gregory, Richard J.
APPLICANT: Gregory, Richard J.
APPLICANT: Gregory, Richard J.
TITLE OF INVENTION: Methods of Treating Diabetes and Other TITLE OF INVENTION: Blood Sugar Disorders
FILE REFERENCE: 2478-2019002 PCT
CURRENT APPLICATION NUMBER: PCT/US02/2527
CURRENT FILING DATE: 2002-08-07
FRIOR APPLICATION NUMBER: US 60/310,982
FRIOR APPLICATION NUMBER: US 60/310,982
NUMBER OF SEQ ID NOS: 54
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 31
LENGTH: 36
                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Genzyme Corporation
APPLICANT: Madsworth, Samuel C.
APPLICANT: Armentano, Donnel C.
APPLICANT: Armentano, Donnel C.
APPLICANT: Gregory, Richard J.
APPLICANT: Gregory, Richard J.
APPLICANT: Gregory, Richard J.
APPLICANT: Gregory, Richard J.
TITLE OF INVENTION: Methods of Treating Diabetes and Other
TITLE OF INVENTION: Blood Sugar Disorders
TITLE OF INVENTION: Blood Sugar Disorders
FILE REFERENCE: 2478-2019002 PCT
CURRENT PILING DATE: 2002-08-07
FRIOR APPLICATION NUMBER: US 60/310,982
PRIOR PILING DATE: 2001-08-08
NUMBER OF SEQ ID NOS: 54
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 3-2
LENGTH: 35
                                                                                                     Length 35;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 35;
                                                                                                Query Match 99.4%; Score 177; DB 24; Length 3 Best Local Similarity 100.0%; Pred. No. 2e-18; Matches 34; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; FEATURE:
; OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (2-37)
PCT-US02-25227-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (3-37)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Watch 99.4%; Score 177; DB 28; Local Similarity 100.0%; Pred. No. 2e-18; nes 34; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                       2 FERHAEGIFTSDVSSYLEGQAAKEFIAWLVKGRG 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2 PERHAEGIFISDVSSYLEGQAAKEFIAWLVKGRG 35
                                                                                                                                                                                                2 FERHAEGTFTSDVSSYLEGQAAKEFIAWLVKGRG 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2 FERHAEGTFTSDVSSYLEGQAAKEFLAWLVKGRG 35
; SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-09-943-084-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 31, Application PC/TUS0225227 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                      ; Sequence 32, Application US/10215272; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Genzyme Corporation
APPLICANT: Wadsworth, Samuel C.
APPLICANT: Armentano, Donna
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PCT-US02-25227-31
                                                                                                                                                                                                                                                                                                                               RESULT 3
US-10-215-272-32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-10-215-272-32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Best Loca
Matches
                                                                                                                                                                                                                                                 g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        임
                                                                                                                                                                                                       ઠ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 S
                                                                                                                               õ
                                                                                                                               ö
                                                                             Score 177; DB 1; Length 35;
Pred. No. 2e-18;
0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-200S/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/943,084
FILING DATE: 31-Aug-2001
CLASSIFICATION: <unknown>
          OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (3-37)
                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Kim, Yesook
Lambert, William J.
Qi, Hong
Gelfand, Robert A.
Geoghegan, Kieran F.
Danley, Dennis E.
TITLE OF INVENTION: Prolonged Delivery of Peptides
NUMBER OF SEQUENCES: 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: Prolonged Delivery of Pept
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
ADDRESSER: Pfizer Inc
STREET: 235 East 42nd Street, 20th Floor
CITY: New York
STATE: New York
                                                                                                                                                                             2 FERHARGIFISDVSSYLEGOAAKEFIAWLVKGRG 35
                                                                                                                                                                                                                          2 FERHAEGTFISDVSSYLEGGAAKEFIAMLVKGRG 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/181,655
FILING DATB: «Unchown»
ATTORNEY/AGENT INFORMATION:
NAME: Sheyka, Robert F.
REGISTRATION NUMBER: 31,304
REFERENCE/DOCKET NUMBER: PC8391
TELBEROWINGATION INFORMATION:
TELBEROWINGATION: (212)573-1189
TELEFRAX: (212)573-1189
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STATE: N.C. COUNTRY: U.S.A.
COMPUTER READABLE FORM: VENTIM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INDIVIDUAL ISOLATE: N/A
HAPLOTYPE: N/A
CELL LINE: N/A
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLONE: N/A
POSITION IN GENOME:
CHROWOSCME/SEGRENT: N/A
MAP POSITION: N/A
                                                                                                                                                                                                                                                                                                                                            Sequence 1, Application US/09943084 GENERAL INFORMATION:
                                                                             Ouery Match

Best Local Similarity 100.0%; 29
Matches 34; Conservative 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGNENT TYPE: N-terminal
ORIGINAL SOURCE:
SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGIH: 37 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEX: N/A
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LIBRARY: N/A
               ) OTHER AND PCT-US02-25227-32
                                                                                                                                                                                                                                                                                                RESULT 2
US-09-943-084-1
```

g

ઠે

```
Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ö
                                          APPLICANT: Andrews, Glenn C.
APPLICANT: Budmy, Gaston O.
APPLICANT: Erancoeur, Michael L.
APPLICANT: Larson, Eric R.
TITLE OF INVENTION: GLUCAGON-LIKE PEPTIDE AND INSULINOTROPIN
TITLE OF INVENTION: DERIVATIVES
NUMBER OF SEQUENCES: 6
CORRESPONDENCES: 6
ADDRESSE: Greeg C. Benson, Pfizer Inc
STREET: Eastern Point Road
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 37;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Indels
                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM PC COMPATIBLE
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/899,073
FILING DATE: 19920615
CLASSIPICATION: 514
ATYONEX/AGENT INPORMATION:
NAME: Benson, Gregg C
REGISTRATION NUMBER: 30,997
REBRENCE/POCKET UNBER: PC8156GCB
TELESPHONE: (203) 441-4901
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Prolonged Delivery of Peptides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 99.4%; Score 177; DB 3; I
Best Local Similarity 100.0%; Pred. No. 2.1e-18;
Matches 34; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               4 PERHARGTFTSDVSSYLEGQAAKEPIAWLVKGRG 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Kim, Yesook
APPLICANT: Lambert, William J.
APPLICANT: Oi Hong
APPLICANT: Oi Hong
APPLICANT: Gelfand, Robert A.
APPLICANT: Geoghegant, Kieran F.
APPLICANT: Daniey, Dennis E.
TITLE OF INVENTION: Prolonged Delivery of Pep
NUMBER OF SEQUENCES:
ADDRESSEE: Prizer Inc
STREEF: 235 East 42nd Street, 20th Floor
CITY: New York
STATE: New York
Sequence 1, Application US/07899073 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 1, Application US/08044133 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STATE: New York
COUNTRY: U.S.A.
ZIP: 10017-5755
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE: (203) 441-4901
TELEPAX: (203) 441-5221
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 37 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                       Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ) MOLECULE TYPE: peptide US-07-899-073-1
                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PC
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: AMINO ACID
                                                                                                                                                                                                                                                                                                                                 USA
                                                                                                                                                                                                                                                                                       Groton
                                                                                                                                                                                                                                                                                                                                                        06340
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                 COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 8
US-08-044-133-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ò
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Restoragen, Inc.
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TREATING CONDITIONS ASSOCIATED WITH
TITLE OF INVENTION: MESISTANCE
FILE REPRESENCE: RGN-3
CURRENT APPLICATION NUMBER: PCT/US02/13088
CURRENT FILING DATE: 2002-04-24
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin version 3.1
LENGTH: 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ô
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0
                                                 ö
                                                    Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ö
                                                 ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ö
                                                                                                                                                                                                                                                                                              APPLICANT: Wadsworth, Samuel C.
APPLICANT: Wadsworth, Samuel C.
APPLICANT: Wadsworth, Samuel C.
APPLICANT: Armentano, Donna
APPLICANT: Armentano, Donna
APPLICANT: Armentano, Donna
APPLICANT: Parsons, Geoffrey
ITILE OF INVENTION: Methods of Treating Diabetes and Other
ITILE OF INVENTION: Blood Sugar Disorders
FILE REFERENCE: 2478.201902 PCT
CURRENT FILING DATE: 2002-08-07
FRIOR PILING DATE: 2001-08-08
FRIOR FILING DATE: 2001-08-08
NUMBER: OF SEQ ID NOS: 54
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 31
LENGTH: 36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              99.4%; Score 177; DB 28; Length 36; 100.0%; Pred. No. 2e-18;
Query Match

99.4%; Score 177; DB 1; Length 36;
Best Local Similarity 100.0%; Pred. No. 2e-18;
Matches 34; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      99.4%; Score 177; DB 1; Length 37; 100.0%; Pred. No. 2.1e-18; ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (2-37) US-10-215-272-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FERHAEGTFTSDVSSYLEGQAAKEFIAMLVKGRG 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2 FERHAEGTFTSDVSSYLEGGAAKEFIAWLVKGRG 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          3 FERHAEGTFTSDVSSYLEGQAAKEFIAMLVKGRG 36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2 PERHARGIFISDVSSYLEGGAAKEFIAMLVKGRG 35
                                                                                              2 FERHAEGTFTSDVSSYLEGQAAKBFIAWLVKGRG 35
                                                                                                                          3 FERHAEGTETSDVSSYLEGOAAKEFIAWLVKGRG 36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
99.4%; Score 177; DB
Best Local Similarity 100.0%; Pred. No. 2e-:
Matches 34; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 1, Application PC/TUS0213088 GENERAL INFORMATION:
                                                                                                                                                                                                                                  US-10-215-272-31; Sequence 31, Application US/10215272; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Artificial Seguence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 100.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: PRT
ORGANISM: mammalian
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PCT-US02-13088-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PCT-US02-13088-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 7
```

ò 셤 셤

ਨੇ

```
APPLICANT: Wagner, Fred W.
APPLICANT: Stout, Jay
APPLICANT: Stout, Jay
APPLICANT: Stout, Jay
APPLICANT: Henriksen, Dennis
APPLICANT: Partifide, Bruce
APPLICANT: Manning, Shane
TITLE OF INVENTION: Bazymatic Method for Modification of
NUMBER OF SEQUENCES: 26
CORRESPONDENCES: 26
CORRESPONDENCES: 46
ADDRESSEE: Merchant & Gould
STREET: 3100 Morwest Center
CITY: Minneapolis
CONTY: Minneapolis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             99.4%; Score 177; DB 7; Length 37;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: UUSA
ZIP: S5402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PACENTIN Release #1.0, Version #1.30
CURRENT APPLICATION NUMBER: US/08/520,485
PILING DATE: 29-ANG-1995
CLASSIFICATION: 435
ATTONERY AGENT INFORMATION:
MAME: Carter, Charles G.
REGISTRATION NUMBER: 35,093
REGISTRATION NUMBER: 35,093
REGISTRATION NUMBER: 35,093
TELEPHONE: 612-332-5300
TELEPHONE: 612-332-5300
TELEPAS: 612-332-5300
TELEPAS: 612-332-5300
TELEPAS: 612-332-5300
SEQUENCE CHARACTERISTICS:
TOWNSTHER FOR SEQ. ID NO: 19:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2 FERHAEGTFTSDVSSYLEGOAAKBFIAMLVKGRG 35
                                        CLASSIPTCATION: 514
PRIOR APPLICATION DATA.
APPLICATION NUMBER: US 07/899,073
FILING DATE: 15-JUN-1992
ATTORNEY, ARGENT INFORMATION:
NAME: Benson, Gregg C.
REGISTRATION NUMBER: 30,997
REPREMENCE/DOCKET NUMBER: 90,997
TELECHONE: (203) 441-4901
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-08-520-485-19; Sequence 19, Application US/08520485; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         99...
100.0%; Pre
                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: (203) 441-5221
INFORMATION FOR SEQ ID NO: 3
SEQUENCE CHARACTERISTICS:
LENGTH: 37 anino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Best Local Similarity 100.
Matches 34, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 37 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear
MOLECULE TYPE: peptide
IMMEDIATE SOURCE:
CLONE: GLPI (1-37)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-08-356-231-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             쉽
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ਨੇ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Andrews, Glenn C.
APPLICANT: Datay, Gaston O.
APPLICANT: Francoeur, Michael L.
APPLICANT: Francoeur, Michael L.
APPLICANT: Larson, Bric R.
APPLICANT: Larson, Bric R.
APPLICANT: Larson, Bric R.
APPLICANT: GLOCAGON-LIKE PRPTIDE AND INSULINOTROPIN TITLE OF INVENTION: DERIVATIVES
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Gregg C. Benson, Pfizer Inc
STREET: Bastern Point Road
CITY: Groon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     99.4%; Score 177; DB 4; Length 37; 100.0%; Pred. No. 2.1e-18; ive 0; Mismatches 0; Indels
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/044,133
FILING DATE: 07-APR.1993
CLASSIFICATION: 514
ATTONRY/AGENT INFORMATION:
NAME: Sheyka, Robert 7:
REGISTRATION NUMBER: 31,304
REPERENCE/DOCKET NUMBER: 31,304
REPERENCE/OFFET NUMBER: 31,304
TELEBHANE: (212)573-1199
TELEBHANE: (212)573-1199
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STATE: CT
COUNTRY: USA
ZUP: 06340
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/356,231
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2 PERHAEGTFTSDVSSYLEGGAAKEFIAWLVKGRG 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4 PERHABGTFTSDVSSYLEGGAAKEFIAWLVKGRG 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 1, Application US/08356231 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STRANDENESS: SINGLE
TOPOLOGY: linear
MOLECULE TYPE: neering
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGNENT TYPE: N-terminal
ORGANISM: N/A
STRAIN: N/A
INDIVIDUAL ISOLATE: N/A
HAPLOTYPE: N/A
HAPLOTYPE: N/A
CELL LINE: N/A
CELL LINE: N/A
LIBRARY: N/A
CONS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: NATE OF SEQ ID NO: 1: SEQUENCE CHARACTERISTICS: LENGTH: 37 amino acids TYPE: amino acid STRANDEDNESS: single STRANDEDNESS: sin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 100.4
Matches 34; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-08-356-231-1
```

g ठे

```
Sequence 1, Application US/09719410
| Sequence 1, Application US/09719410
| GENERAL INFORMATION:
| APPLICANT: Goke, Burkhard
| APPLICANT: Byrne, Maria
| APPLICANT: Byrne, Maria
| TITLE OF INVENTION: Byrne, B.Cell to Sense and Respond to Glucose in Subjects with
| TITLE OF INVENTION: Impaired Glucose Tolerance
                                                                                                                                                                 ő
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ## APPLICANT: Conjuchem, Inc.
## APPLICANT: Bridon, Dominique
## APPLICANT: Milner, Peter
## APPLICANT: Holmes, Darren
## APPLICANT: Darren
##
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: Peptide
                                                                                                                                                             ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ó
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 37;
                                                                                Length 37;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Indels
                                                                                Query Match
99.4%; Score 177; DB 20;
Best Local Similarity 100.0%; Pred. No. 2.1e-18;
Matches 34; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 99.4%; Score 177; DB 20; Best Local Similarity 100.0%; Pred. No. 2.1e-18; Matches 34; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                  2 PERHAEGTFTSDVSSYLEGQAAKEFIAMLVKGRG 35
                                                                                                                                                                                                                                                                              4 FERHAEGTFISDVSSYLEGOAAKEFIAWLVKGRG 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2 FERHAEGTFTSDVSSYLEGQAAKEFIAWLVKGRG 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       4 FERHAEGTFTSDVSSYLEGQAAKEFIAMLVKGRG 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-09-657-276-343; Sequence 343, Application US/09657276; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: mammalian
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-09-657-276-343
        US-09-646-433-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 14
US-09-719-410-1
                                                                                                                                                                                                                                      ò
                                                                                                                                                                                                                                                                                                           8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ક
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 12
US-046-433-1
Sequence 1, Application US/09646433
GENERAL INFORMATION:
APPLICANT: Goke, Burkhard
APPLICANT: Goke, Burkhard
APPLICANT: Goke, Burkhard
APPLICANT: Bchirza, Jorg
ITTLE OF INVENTION: HUMAN APPETITE CONTROL BY GLUCAGON-LIKE PEPTIDE RECEPTOR BINDING:
TILE REPRENCE: P038931831
CURRENT APPLICATION NUMBER: US/09/646,433
CURRENT APPLICATION NUMBER: US 00189,091
PRIOR PILING DATE: 2000-13-14
PRIOR PPLING DATE: 1999-03-16
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin version 3.1
SEQ ID NO 1
LENGTH: 37
                                                                                    ö
                                                                                                                                                                                                                                                                                                                                                           Sequence 343, Application US/09623548A

Sequence 343, Application US/09623548A

GENERAL INFORMATION:
APPLICANT: Conjuchem, Inc.
APPLICANT: Conjuchem, Inc.
APPLICANT: Ezrin, Alan
APPLICANT: Holmes, Darren
APPLICANT: Thibaudeau, Karen
TITLE OF INVENTION: PROPECTION OF ENDOGENOUS THERAPEUTIC PEPTIDES FROM
TITLE OF INVENTION: PROPECTION OF ENDOGENOUS THERAPEUTIC PEPTIDES FROM
TITLE OF INVENTION: PROPECTION OF ENDOGENOUS THERAPEUTIC PEPTIDES
TITLE OF INVENTION: PROPECTION OF ENDOGENOUS
TITLE OF INVENTION: COMPONENTS
FILE REFERENCE: 2100
FILE REPERENCE: 2100
FRIOR APPLICATION NUMBER: 60/153,406
FRIOR PILING DATE: 1999-05-17
FRIOR PILING DATE: 1999-06-17
FRIOR PILING DATE: 1999-10-18
NUMBERS OF SEQ ID NOS: 1617
SEQ ID NO 343
LENGTH: 37
TUNDENTH: 37
TUNDENTH: 37
TUNDENTH: 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ö
                                                                                    Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: Peptide
                                                                                    Ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 37;
            Length 37;
                                                                                    Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Indels
Query Match
99.4%; Score 177; DB 9; 1
Best Local Similarity 100.0%; Pred. No. 2.1e-18;
Matches 34; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match

99.4%; Score 177; DB 20;
Best Local Similarity 100.0%; Pred. No. 2.1e-18;
Matches 34; Conservative 0; Mismatches 0;
                                                                                                                                                                                                          4 FERHARGTFTSDVSSYLEGQAAKEFIAWLVKGRG 37
                                                                                                                                                         2 PERHAEGTFTSDVSSYLEGGAAKEFIAWLVKGRG 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2 FERHAEGTFTSDVSSYLEGOAAKEFIAWLVKGRG 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  4 FERHAEGTFTSDVSSYLEGOAAKEFIAWLVKGRG 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; UTHER INFORMATION ; US-09-623-548A-343
                                                                                                                                                                                                                                                                                                                                               RESULT 11
US-09-623-548A-343
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
                                                                                                                                                         ò
                                                                                                                                                                                                                              셤
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ò
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  유
```

US-09-719-410-1

```
us-09-943-084-1.rapm
```

```
GENERAL INFORMATION:

GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: COOLIGGe, Thomas R.

APPLICANT: COOLIGGe, Thomas R.

TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of TITLE OF INVENTION: Lachemic and Reperfused Tissue

TITLE OF INVENTION: Lachemic and Reperfused Tissue

FILE REPERENCE: P03660US1

CURRENT APPLICATION NUMBER: US/09/851,738

CURRENT FILING DATE: 1999-04-30

PRIOR PILING DATE: 1999-04-30

NUMBER OF SEQ ID NOS: 13

SOFTWARE: PatentIN Ver. 2.0

SEQ ID NO 1

LENGTH: 37

TYPE: PRT

ORGANISM: mammalian

US-09-851-738-1
                                                      o.
                                                      Gape
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0; Gaps
                                                      ó
Query Match

99.4%; Score 177; DB 21; Length 37;
Best Local Similarity 100.0%; Pred. No. 2.1e-18;
Matches 34; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
99.4%; Score 177; DB 23; Length 37;
Best Local Similarity 100.0%; Pred. No. 2.1e-18;
Matches 34; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             4 FERHAEGTFTSDVSSYLEGQAAKEFTAWLVKGRG 37
                                                                                                       2 PERHAEGIFTSDVSSYLEGOAAKEFIAWLVKGRG 35
                                                                                                                                      4 FERHAEGTETSDVSSYLEGQAAKEFIAMLVKGRG 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2 FERHAEGTFTSDVSSYLEGGAAKEFIAWLVKGRG 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Search completed: July 3, 2004, 00:46:13 Job time: 225.348 secs
                                                                                                                                                                                                                                   RESULT 15
US-09-851-738-1
                                                                                                          ઠે
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ઠે
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              B
```

```
Sequence 32, Application US/10715976
GENERAL INFORMATION:
APPLICANT: Genzyme Corporation
APPLICANT: Wadsworth, Samuel
APPLICANT: Armentano, Donna
APPLICANT: Armentano, Donna
APPLICANT: Armentano, Donna
APPLICANT: Parsons, Geoffrey
TITLE OF INVENTION: Methods of Treating Diabetes and Other Blood Sugar Disorders
FILE REPERENCE: 5121
CURRENT APPLICANTON NUMBER: US/10/715,976
CURRENT FILING DATE: 2003-11-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 2
US-10-715-976-32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-10-716-326-32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ð
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            용
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              31, Appl
31, Appl
11, Appl
12, Appl
19, App
199, App
201, App
426, App
428, App
428, App
651, App
652, App
652, App
653, App
653, App
653, App
654, App
656, App
657, App
657, App
658, App
                                                                 July 3, 2004, 00:25:27; Search time 16.5217 Seconds (without alignments) 105.442 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                        Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Description
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 3
Sequence 3
Sequence 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence
Sequence
Sequence
Sequence
Sequence
Sequence
Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence
Sequence
Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence
Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence
Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence
                                                                                                                                                                                                                                                                                                                                            Pending Patente AA New:*

'Gon2 6/ptodata/2/paa/PCT NEW COMB.pep:*
'Gon2 6/ptodata/2/paa/USO6 NEW COMB.pep:*
'Gon2 6/ptodata/2/paa/USO7 NEW COMB.pep:*
'Gon2 6/ptodata/2/paa/USO8 NEW COMB.pep:*
'Gon2 6/ptodata/2/paa/USO9 NEW COMB.pep:*
'Gon2 6/ptodata/2/paa/USO9 NEW COMB.pep:*
'Gon2 6/ptodata/2/paa/USO9 NEW COMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                 178
1 ?PERHAEGTPTSDVSSYLEGQAAKEFIAWLVKGRG 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-10-775-204-1248
                                                                                                                                                                                                                              Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                         327902 seqs, 49773865 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SUMMARIES
                                                                                                                                                                                                                                                                                          Post-processing: Minimum Match 08
Maximum Match 1008
Listing first 45 summaries
                                             protein search, using sw model
                                                                                                                                                                      BLOSUM62
Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                         seq length: 0 seq length: 2000000000
                                                                                                                     US-09-943-084-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query
Match Length
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Scoring table:
                                                                                                                                  Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ı
                                                                                                                                                                                                                                                        Minimum DB
Maximum DB
                                               OM protein
                                                                                                                                              Sequence:
                                                                                                                                                                                                         Searched:
                                                                      Run on:
                                                                                                                      Title:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Result
```

	ALIGNMENTS					
Sequence 6, Appli	US-10-715-976-6	ω	77	91.6	163	4, ()
Sequence 18, Appl	US-10-716-326-18	ø	77	91.6	163	ት
-	US-10-716-326-6	9	77	91.6	163	43
Sequence 33, Appl	US-10-715-976-33	ø	32	93.3	166	4.2
Sequence 33, Appl	US-10-716-326-33	ø	32	93.3	166	4
Sequence 26, Appl	US-10-722-733-26	φ	37	96.1	171	40
Sequence 25, Appl	US-10-722-733-25	9	37	96.1	171	ტ რ
Sequence 16, Appl	US-10-722-733-16	9	37	96.1	171	38
Sequence 26, Appl	US-10-723-099A-26	9	37	96.1	171	37
Sequence 25, Appl	US-10-723-099A-25	9	37	96.1	171	36
Sequence 16, Appl	US-10-723-099A-16	9	37	96.1	171	35
Sequence 1029, Ap	US-60-568-073-1029	7	180	99.4	177	34
Sequence 1, Appli	US-10-793-677A-1	ø	180	99.4	177	33
Sequence 1, Appli	US-10-793-677-1	9	180	99.4	177	35
Sequence 1776, Ap	US-10-775-204-1776	ø	180	4.66	177	33
Sequence 1775, Ap	US-10-775-204-1775	9	180	99.4	177	30
Sequence 1727, Ap	US-10-775-204-1727	9	180	99.4	177	50
Sequence 1250, Ap	US-10-775-204-1250	ø	180	99.4	177	28
Sequence 1249, Ap	US-10-775-204-1249	9	180	4.66	177	27

```
APPLICANT: Wadsworth, Samuel
APPLICANT: Wadsworth, Samuel
APPLICANT: Armentano, Donna
APPLICANT: Armentano, Donna
APPLICANT: Armentano, Donna
APPLICANT: Parsons, Geoffrey
TITLE OF INVENTION: Methods of Treating Diabetes and Other Blood Sugar Disorders
FILE REFERENCE: 5065CIP
CURRENT PALLICATION NUMBER: US/10/716,326
CURRENT PALLICATION NUMBER: US 10/215,272
PRIOR PRILING DATE: 2002-08-07
PRIOR FILING DATE: 2002-08-07
PRIOR FILING DATE: 2001-08-08
NUMBER OF SEQ ID NOS: 54
SOOTWARE: PatentIn version 3.2
SEQ ID NO 32
LENGTH: 35
TYPE: PRI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ò
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE: OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (3-37)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
99.4%; Score 177; DB 6;
Best Local Similarity 100.0%; Pred. No. 9.6e-18;
Matches 34; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              2 FERHAEGIPTSDVSSYLEGQAAKEFIAWLVKGRG 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FERHAEGTFTSDVSSYLEGQAAKEFIAWLVKGRG 35
Sequence 32, Application US/10716326 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence
```

```
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                             RESULT 5
US-10-723-099A-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 6
US-10-722-733-1
                                                                                                                                                                                                                           ठ
                                                                                                                                                                                                                                                                       g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Š
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 31, Application US/10716326

Sequence 31, Application US/10716326

GENERAL INFORMATION:
APPLICANT: Genzyme Corporation
APPLICANT: Genzyme Corporation
APPLICANT: Armentano, Donna
APPLICANT: Armentano, Donna
APPLICANT: Armentano, Donna
APPLICANT: Gregory, Richard J.
APPLICANT: Gregory, Richard J.
APPLICANT: Gregory, Richard J.
APPLICANT: Gregory, Richard J.
CURRENT: APLICANTON WOMBER: US/10/716,326
CURRENT APPLICATION WUMBER: US/10/716,326
CURRENT FILING DATE: 2003-11-17
PRIOR APPLICATION NUMBER: US 60/310,982
PRIOR FILING DATE: 2001-08-07
PRIOR FILING DATE: 2001-08-08
NUMBER OF SEQ ID NOS: 54
SOFTWARE: PATENTIN VERSION 3.2
SEQ ID NO 31
LEWITH: 36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Genzyme Corporation
APPLICANT: Wadsworth, Samuel
APPLICANT: Wadsworth, Samuel
APPLICANT: Armentano, Donna
APPLICANT: Armentano, Donna
APPLICANT: Armentano, Donna
APPLICANT: Parsons, Geoffrey
TITLE OF INVENTION: Methods of Treating Diabetes and Other Blood Sugar Disorders
FILE REFERENCE: 5121
CURRENT APPLICATION NUMBER: US/10/715,976
CURRENT FILING DATE: 2003-11-17
NUMBER OF SEQ ID NOS: 54
SOFTWARE: Patentin version 3.2
SOFTWARE: Patentin version 3.2
LENGTH: 36
                                                                                                                                                                                                                                                                                                 ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ö
                                                                                                                                                                                                                                                                                                 ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ó
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 99.4%; Score 177; DB 6; Length 36; Best Local Similarity 100.0%; Pred. No. 9.8e-18; Matches 34; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                  Length 35;
                                                                                                                                                                                                                                                                                                 Indels
                                                                                                                                                                    ; OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (3-37)
US-10-715-976-32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              , OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (2-37) US-10-716-326-31
                                                                                                                                                                                                                                             ch 99.4%; Score 177; DB 6; Stainlarity 100.0%; Pred. No. 9.6e-18; 34; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                             2 FERHAEGTFISDVSSYLEGGAAKEFIAWLVKGRG 35
                                                                                                                                                                                                                                                                                                                                                                     2 FERHAEGTFTSDVSSYLEGQAAKEFIAWLVKGRG 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2 FERHABGTFTSDVSSYLEGQAAKEFIAWLVKGRG 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  3 FERHAEGTFTSDVSSYLEGGAAKEFIAMLVKGRG 36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 31, Application US/10715976 GENERAL INFORMATION:
NUMBER OF SEQ ID NOS: 54
SOFTWARE: Patentin version 3.2
SEQ ID NO 35
LENGTH: 35
                                                                                                TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     -10-715-976-31
                                                                                                                                                                                                                                                Query Match
Best Local 9
                                                                                                                                                  FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
                                                                                                                                                                                                                                                                                            Matches
                                                                                                                                                                                                                                                                                                                                                                                          q
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ઠ્ઠ
                                                                                                                                                                                                                                                                                                                                                ò
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    g
```

```
APPLICANT: L'Archeveque, Benoit
APPLICANT: Exit, Alan M.
APPLICANT: Bzrin, Alan M.
APPLICANT: Bzrin, Alan M.
APPLICANT: Bzrin, Alan M.
APPLICANT: Heblanc, Anouk
APPLICANT: Heblanc, Anouk
TILE APPLICANT: LESING STATHEFIC GLUCAGON LIKE PEPTIDE (GLP-1)
FILE REFERENCE: 50086201602
CURRENT APPLICATION NUMBER: US/10/723,099A
CURRENT PILING DATE: 2003-11-25
PRIOR PILING DATE: 2000-097
PRIOR PLILING DATE: 1999-10-15
PRIOR APPLICATION NUMBER: 60/159,783
PRIOR PILING DATE: 1999-10-15
PRIOR PILING DATE: 1999-10-15
NUMBER OF SEQ ID NOS: 35
SOPTWARE: PATENTIN VAN FORMER: 60/134,406
NUMBER OF SEQ ID NOS: 35
SOFTWARE: PATENTIN VAN FORMER: 1999-10-15
SEQ ID NO 1
SEC ID NO 1
SEC ID NO 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 1, Application US/10722733
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Bridon, Dominique P.
APPLICANT: L'Archeveque, Benoit
APPLICANT: L'Archeveque, Benoit
APPLICANT: Lebianc, Alan M.
APPLICANT: Lebianc, Anouf M.
TITLE OF INVENTION: LONG LASTING SYNTHETIC GLUCAGON LIKE PEPTIDE (GLP-1)
FILE REPRENCE: 5008-2001.1
CURRENT APPLICATION NUMBER: US/10/22,733
CURRENT APPLICATION NUMBER: US/10/228,340
PRIOR FILING DATE: 2002-11-26
PRIOR FILING DATE: 2000-09-07
PRIOR FILING DATE: 2000-09-07
PRIOR FILING DATE: 2000-09-07
PRIOR FILING DATE: 2000-09-07
                                                                                                                                                                            ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ö
                                                                                                                                                                            Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: Description of Artificial Sequence: Synthetic; OTHER INFORMATION: Peptide US-10-723-099A-1
                                                                                                                                                                            ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      .
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 99.4%; Score 177; DB 6; Length 37; Best Local Similarity 100.0%; Pred. No. 1e-17; Matches 34; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                      0; Indels
; FEATURE:
. OTHER NFORMATION: Modified GLP-1 molecule; GLP-1 (2-37)
US-10-715-976-37
                                                                                                                Query Match
99.4%; Score 177; DB 6;
Best Local Similarity 100.0%; Pred. No. 9.8e-18;
Matches 34; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                         3 FERHAEGTPTSDVSSYLEGQAAKEFIAWLVKGRG 36
                                                                                                                                                                                                                                         2 FERHAEGIFISDVSSYLEGQAAKEFIAWLVKGRG 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2 FERHAEGTFTSDVSSYLEGGAAKEFIAWLVKGRG 35
                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 1, Application US/10723099A, GENERAL INFORMATION:
APPLICANT: Bridon, Dominique P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Artificial Sequence
```

```
d
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                à
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     o,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gaps
                                                                                                                                                                                                                                                                                          OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: Peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ..
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ô
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Habener, Joel
TITLE OF INVENTION: Insulinotropic Hormone and Uses Thereof
TITLE OF INVENTION: Insulinotropic Hormone and Uses Thereof
TITLE OF INVENTION: Insulinotropic Hormone and Uses Thereof
CURRENT APPLICATION NUMBER: US/09(949)
PRIOR FILING DATE: 1998-06-05
PRIOR PILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 08/749,762
PRIOR APPLICATION NUMBER: 08/186,800
PRIOR APPLICATION NUMBER: 08/186,800
PRIOR PELING DATE: 1991-10-23
PRIOR FILING DATE: 1991-09-05
PRIOR FILING DATE: 1991-09-05
PRIOR APPLICATION NUMBER: 07/532,111
PRIOR APPLICATION NUMBER: 07/532,111
PRIOR APPLICATION NUMBER: 07/148,517
PRIOR PILING DATE: 1988-01-26
PRIOR PILING DATE: 1988-01-26
PRIOR FILING DATE: 1988-01-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 180;
                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 99.4%; Score 177; DB 6; Length 37; Best Local Similarity 100.0%; Pred. No. 1e-17; Matches 34; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 99.4%; Score 177; DB 5; 1
Best Local Similarity 100.0%; Pred. No. 5.3e-17;
Matches 34; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             95 FERHAEGTFTSDVSSYLEGGAAKEFIAMLVKGRG 128
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2 FERHAEGTFTSDVSSYLEGQAAKEFIAWLVKGRG 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               4 FERHAEGIFTSDVSSYLEGQAAKEFIAWLVKGRG 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; OTHER INPORMATION: preproglucagon precursor
US-09-635-679E-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Rosen, Craig A.
APPLICANT: Haseltine, William A.
TITLE OF INVENTION: Albumin Fusion Proteins
FILE REPERBNCE: PP574
CURRENT APPLICATION NUMBER: US/10/775,180
CURRENT FILING DATE: 2004-02-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 198, Application US/10775180 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 2, Application US/09635679E
GENERAL INFORMATION:
                                                                                                                                                                                        TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
ORGANISM: Artificial Sequence
PRIOR FILING DATE: 1999-10-15
NUMBER OF SEQ ID NOS: 35
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO I
LENGTH: 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 8
US-10-775-180-198
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-635-679E-2
                                                                                                                                                                                                                                                                                                                                                                        US-10-722-733-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ઠે
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Ş
```

```
| PRIOR APPLICATION NUMBER | CP/1820/1022
| PRIOR PAPLICATION NUMBER | C0/191, 811
| PRIOR PAPLICATION NUMBER | C0/191, 811
| PRIOR PAPLICATION NUMBER | C0/191, 811
| PRIOR PAPLICATION NUMBER | C0/191, 812
| PRIOR APPLICATION NUMBER | C0/192, 920
| PRIOR PAPLICATION NUMBER | C0/192, 921
| PRIOR PAPLICATION NUMBER | C0/192,
```

```
PRIOR APPLICATION NUMBER: 60/341,811
PRIOR PLING DATE: 2001-12-21
PRIOR FILING DATE: 2001-12-21
PRIOR PELICATION NUMBER: 60/360,000
PRIOR PLING DATE: 2002-02-28
PRIOR PLING DATE: 2002-05-10
PRIOR PLING DATE: 2002-05-10
PRIOR PLING DATE: 2002-07-24
PRIOR PLING DATE: 2002-07-24
PRIOR PLING DATE: 2002-07-24
PRIOR PLING DATE: 2002-07-04
PRIOR PLING DATE: 2002-10-02
PRIOR PLING DATE: 2002-10-02
PRIOR PLING DATE: 2002-10-02
PRIOR PLING DATE: 2002-10-02
PRIOR PLING DATE: 2002-10-03
PRIOR PLING DATE: 2002-11-05

                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   s Sequence 426, Application US/10775180; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 100.
Matches 34; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ) ORGANISM: Homo sapiens
US-10-775-180-201
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 12
US-10-775-180-426
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        셤
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ઠ
                                                                                                                                                                                                                                                                                    ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Remaining Prior Application data removed - See File Wrapper or PALM. NUMBER OF SEQ ID NOS: 858
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 .
0
                                                                                                                                                                                                                                                                                    ..
                                                                                                                                                                                        Ouery Match
99.4%; Score 177; DB 6; Length 180;
Best Local Similarity 100.0%; Pred. No. 5.3e-17;
Matches 34; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 99.4%; Score 177; DB 6; Length 180; Best Local Similarity 100.0%; Pred. No. 5.3e-17; Matches 34; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                            95 FERHARGIFISOVSSYLEGGAAKEFIAMLVKGRG 128
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           95 FERHAEGTFTSDVSSYLEGGAAKEFIAMLVKGRG 128
                                                                                                                                                                                                                                                                                                                                                                           2 FERHARGIFISDVSSYLEGQAAKEFIAWLVKGRG 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2 PERHAEGTFISDVSSYLEGGAAKEFIAWLVKGRG 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Rosen, Craig A.
APPLICANT: Rosen, Craig A.
APPLICANT: Rosen, Milliam A.
TITLE OF INVENTION: Albumin Fusion Proteins
TITLE OF INVENTION: Albumin Fusion Proteins
CURRENT APPLICATION NUMBER: US/10/775,180
CURRENT APPLICATION NUMBER: E004-02-11
PRIOR APPLICATION NUMBER: E07341,811
PRIOR PILING DATE: 2002-12-23
PRIOR APPLICATION NUMBER: 60/341,811
PRIOR APPLICATION NUMBER: 60/341,811
PRIOR APPLICATION NUMBER: 60/360,000
PRIOR PILING DATE: 2002-02-28
PRIOR APPLICATION NUMBER: 60/378,950
PRIOR PILING DATE: 2002-07-24
PRIOR PILING DATE: 2002-05-18
PRIOR APPLICATION NUMBER: 60/414,984
PRIOR PILING DATE: 2002-09-18
PRIOR PILING DATE: 2002-10-29
PRIOR PILING DATE: 2002-10-20
PRIOR PILING DATE: 2002-10-11
PRIOR PILING DATE: 2002-10-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 201, Application US/10775180
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Haseltine, William A.
ITLLO PINVENTION: Albumin Fusion Proteins
FILE REFERENCE: PF574
CURRENT APPLICATION NUMBER: US/10/775,180
CURRENT PILING DATE: 2004-02-11
PRIOR APPLICATION NUMBER: PCT/US02/40892
PRIOR FILING DATE: 2002-12-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 200, Application US/10775180 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT
ORGANISM: Homo sapiens
US-10-775-180-200
                           ; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-775-180-199
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 11
US-10-775-180-201
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    -10-775-180-200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQ ID NO 200
LENGTH: 180
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       a
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ò
                                                                                                                                                                                                                                                                                                                                                                                                                                                          d
                                                                                                                                                                                                                                                                                                                                                                                ò
```

```
GENERGAL INFORMATION:
APPLICANT: ROSEN, Craig A.
APPLICANT: Haseltine, William A.
TITLE OF INVENTION: Albumin Fusion Proteins
FILE REFERENCE: PP574
CURRENT APPLICATION NUMBER: US/10/775,180
CURRENT FILING DATE: 2004-02-11
PRIOR FILING DATE: 2002-12-23
PRIOR PELICATION NUMBER: 60/341,811
PRIOR PILING DATE: 2002-02-28
PRIOR PILING DATE: 2002-02-28
PRIOR PELING DATE: 2002-05-10
PRIOR PLING DATE: 2002-09-18
PRIOR PLING DATE: 2002-10-11
PRIOR PLING DATE: 2002-110-23
PRIOR PLING PAPE: 2002-110-23
PRIOR PLING DATE: 2002-110-23
PRIOR PLING PAPE: 2002-110-23
PRIOR PLING PAPE: 2002-110-23
PRIOR PLING DATE: 2002-110-23
PRIOR PLING PAPE: 2002-110-23
PRIOR PAPE: 2002-110-23
PRIOR PLING PAPE: 2002-110-23
PRIOR PAPE: 2002-10-21
99.4%; Score 177; DB 6; Length 180; 100.0%; Pred. No. 5.3e-17; tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                   95 FERHAEGTFTSDVSSYLEGQAAKEFIAWLVKGRG 128
                                                                                                                                                                                                                                          2 FERHAEGTFTSDVSSYLEGQAAKEFIAWLVKGRG 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQ ID NO 426
LENGTH: 180
```

8 ਨੇ

```
Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; ORGANISM: Homo sapiens
US-10-775-180-428
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: PRT
CONGANISM: Homo sapiens
US-10-775-180-429
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
Matches 34; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ò
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     a
                                                                                                                                  ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ö
                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 427, Application US/10775180

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Roseltine, William A.
TITLE OF INVENTION: Albumin Fusion Proteins
FILE REFERENCE: PF574
CURRENT APPLICATION NUMBER: US/10/775,180
CURRENT APPLICATION NUMBER: US/10/775,180
CURRENT APPLICATION NUMBER: 60/41,811
PRIOR PILING DATE: 2002-12-23
PRIOR PILING DATE: 2002-12-23
PRIOR PILING DATE: 2002-02-18
PRIOR PILING DATE: 2002-02-18
PRIOR PILING DATE: 2002-05-10
PRIOR PILING DATE: 2002-05-10
PRIOR PILING DATE: 2002-05-10
PRIOR PILING DATE: 2002-05-10
PRIOR PILING DATE: 2002-09-18
PRIOR PILING DATE: 2002-09-18
PRIOR PILING DATE: 2002-09-18
PRIOR PILING DATE: 2002-10-11
PRIOR PAPLICATION NUMBER: 60/423,623
PRIOR PILING DATE: 2002-10-10
PRIOR PILING DATE: 2002-10-10
PRIOR PILING DATE: 2002-10-10
PRIOR PILING DATE: 2002-10-11
                                                                                                                                  Gaps
                                                                                                                                  ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ö
                                                          Query Match

99.4%; Score 177; DB 6; Length 180;
Best Local Similarity 100.0%; Pred. No. 5.3e-17;
Matches 34; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 180;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 99.4%; Score 177; DB 6; I
Best Local Similarity 100.0%; Pred. No. 5.3e-17;
Matches 34; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                               95 FERHAEGTFTSDVSSYLEGQAAKEFIAWLVKGRG 128
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        95 FERHAEGTFTSDVSSYLEGQAAKEFIAWLVKGRG 128
                                                                                                                                                                                               2 FERHAEGIFISDVSSYLEGQAAKEFIAWLVKGRG 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2 FERHAEGTFTSDVSSYLEGQAAKEFIAWLVKGRG 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Rosen, Craig A.
APPLICANT: Rosel, Craig A.
TITLE OP INVENTION: Albumin Fusion Proteins
FILE REFERENCE: PF574
CURRENT APPLICATION WUMBER: US/10/775,180
CURRENT FILING DATE: 2004-02-11
PRIOR PILING DATE: 2002-12-23
PRIOR FILING DATE: 2002-12-23
PRIOR FILING DATE: 2002-12-23
PRIOR FILING DATE: 2001-12-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 428, Application US/10775180 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                         RESULT 13
US-10-775-180-427
US-10-775-180-426
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-10-775-180-427
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-10-775-180-428
```

g ò

```
PRIOR APPLICATION NUMBER: 60/360,000
PRIOR PLING DATE: 2002-02-28
PRIOR PLING DATE: 2002-05-28
PRIOR PLING DATE: 2002-05-10
PRIOR PLING DATE: 2002-05-10
PRIOR PLING DATE: 2002-05-14
PRIOR PLING DATE: 2002-07-24
PRIOR PLING DATE: 2002-09-18
PRIOR PLING DATE: 2002-10-12
PRIOR PLING DATE: 2002-10-11
PRIOR PLING DATE: 2002-11-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GRERAL INCOMMATINE ROSEN, Craig A.

APPLICANT: Haseltine, William A.

TITLE OF INVENTION: Albumin Fusion Proteins
FILE REFRENCE: PF574

CURRENT APPLICATION NUMBER: US/10/775,180

CURRENT APPLICATION NUMBER: US/10/775,180

CURRENT FILING DATE: 2004-02-11

PRIOR FILING DATE: 2001-12-23

PRIOR FILING DATE: 2001-12-28

PRIOR FILING DATE: 2001-12-28

PRIOR FILING DATE: 2002-05-8

PRIOR FILING DATE: 2002-05-8

PRIOR FILING DATE: 2002-05-10

PRIOR FILING DATE: 2002-05-10

PRIOR PLING DATE: 2002-07-24

PRIOR FILING DATE: 2002-10-11

PRIOR PLING DATE: 2002-10-11

PRIOR FILING DATE: 2002-11-05

PRIOR FILING DATE: 2002-11-0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 180;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   99.4%; Score 177; DB 6; 1
100.0%; Pred. No. 5.3e-17;
tive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               95 PERHABGTFTSDVSSYLEGOAAKEFIAWLVKGRG 128
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2 FERHAEGTFISDVSSYLEGQAAKEFIAWLVKGRG 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-10-775-180-429; Sequence 429; Application US/10775180; GENERAL INFORMATION:
```

```
Query Match

99.4%; Score 177; DB 6; Length 180;

Best Local Similarity 100.0%; Pred. No. 5.3e-17;

Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

2 FERHAEGTFTSDVSSYLEGGAAKEFIAMLVKGRG 35

δ

Search completed: July 3, 2004, 00:47:42 Job time: 17.5217 secs

```
Sequence 10, Appli
Sequence 5, Appli
Sequence 5, Appli
Sequence 10, Appli
Sequence 11, Appli
Sequence 12, Appli
Sequence 13, Appli
Sequence 14, Appli
Sequence 14, Appli
Sequence 16, Appli
Sequence 17, Appli
Sequence 17, Appli
Sequence 17, Appli
Sequence 2, Appli
Sequence 2, Appli
Sequence 2, Appli
Sequence 12, Appli
Sequence 12, Appli
Sequence 13, Appli
Sequence 14, Appli
Sequence 16, Appli
Sequence 17, Appli
Sequence 11, Appli
Sequence 11, Appli
Sequence 11, Appli
                                                                       3, 2004, 00:21:27; Search time 13.4037 Seconds (without alignments) 100.142 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Description
                                                                                                                                                                                                                                                                                                                                                                       /cgn2_6/ptodata/2/iaa/5A_COMB.pep:*
/cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
/cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
/cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
/cgn2_6/ptodata/2/iaa/PcTuS_COMB.pep:*
/cgn2_6/ptodata/2/iaa/PcTuS_COMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-08-297-731-10

US-09-302-596-5

US-09-303-415-5

US-09-303-016-5

US-08-805-507-5

US-08-297-731-12

PCT-USS5-10793-12

US-08-297-731-12

US-08-297-731-12

US-08-297-731-12

US-08-297-731-12

US-08-207-731-12

US-08-207-731-12

US-08-951-62-3

US-08-951-918A-1

US-09-302-596-3

US-09-302-596-3

US-09-303-415-3

US-09-623-61BR-2

US-09-623-61BR-2

US-09-623-61BR-2

US-09-623-61BR-2

US-09-108-661-12

US-09-209-799D-11

US-09-209-799D-11

US-09-209-799D-11

US-09-209-799D-11

US-09-209-799D-11
                                                                                                                                                                                                                                              Total number of hits satisfying chosen parameters:
                                                                                                                                         133
1 FTSDVSSYLEGQAAKEFLAWLVKGRG 26
                                                                                                                                                                                                                      389414 seqs, 51625971 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SUMMARIES
                                                                                                                                                                                                                                                                                                            Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                  - protein search, using sw model
                                                                                                                                                                               BLOSUM62
Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                                Issued_Patents_AA:*
                                                                                                                                                                                                                                                                       length: 0
length: 2000000000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query
Match Length DB
                                                                                                                              US-09-943-084-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              July
                                                                                                                              Title:
Perfect score:
Sequence:
                                                                                                                                                                                                                                                                       Minimum DB seq
Maximum DB seq
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score
                                                  OM protein
                                                                                                                                                                                                                                                                                                                                                                Database :
                                                                                                                                                                                                                      Searched:
                                                                            Run on:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Result
```

18, Appl 19, Appl 21, Appl 22, Appl 22, Appl 23, Appl 33, Appli 34, Appl 124, Appl 124, Appl 126, Appli 95, Appli 96, Appli 16, Appli 17, Appli 16, Appli 16, Appli 16, Appli 16, Appli 17, Appli 16, Appli 16, Appli 17, Appli 16, Appli 17, Appli 18, Appli 18, Appli 19, Appli 11, Appli 11, Appli 11, Appli 11, Appli 11, Appli		Gaps 0;
Sequence Seq	PEPTIDE	Length 29; Indels 0;
4 US-09-209-799D-18 4 US-09-209-799D-19 4 US-09-209-799D-20 4 US-09-209-799D-21 4 US-09-209-799D-23 4 US-09-209-799D-23 4 US-09-209-799D-23 4 US-09-505-991-3 4 US-09-505-991-3 4 US-09-505-991-3 4 US-09-514-847-124 4 US-09-997-792A-1 4 US-09-997-792A-1 4 US-09-997-792A-1 4 US-09-997-792A-1 6 US-09-997-792A-1 6 US-09-997-792A-1 7 US-09-997-792A-1 6 US-09-997-792A-1 7 US-09-997-792A-1 7 US-09-997-792A-1	ALIGNWENTS 731	133; DB 1; No. 8.6e-14; matches 0; 26
100.00 31 1000.00 31		Damilarity 100.0%; Score Similarity 100.0%; Pred. 26; Conservative 0; Miss TSDVSSYLEGQAAKEFIAMLVKGRG
	-7311 L INFG L	Query Match Best Local Sir Matches 26;
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	RESULT 1 US-08-297 Sequence Patent Patent Patent TITL NUMB CORR CORR CORR CORR CORR CORR CORR COR	Query Best Match Qy Db

```
CURRENT APPLICATION NUMBER: US/09/303,016
CURRENT FILING DATE: 1899-04-30
PRIOR APPLICATION NUMBER: 60/103,498
PRIOR FILING DATE: 1998-10-08
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PATENTIN Ver. 2.0
LENGTH 299
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 5
LENGTH: 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
ORGANISM: Unknown Organism
                                                                                                                                                                                       TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        46285
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STATE: I
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 5
US-09-805-507-5
                                                                                                                                                                                                                                     US-09-303-016-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     셤
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            δ
                                                                                                                                                                                                                                                                                                                                                                            à
                                                                                                                                                                                                                                                                                                                                                                                                                     d
                                                          Sequence 5, Application US/09302596

Sequence 5, Application US/09302596

Parent No. 6284725

GRNERAL INFORMATION:
APPLICANT: Coolidge, Thomas R.
APPLICANT: Coolidge, Thomas R.
TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of TITLE OF INVENTION: Ischemic and Reperfused Tissue
TITLE OF INVENTION: Ischemic and Reperfused Tissue
TITLE OF INVENTION: Ischemic and Reperfused Tissue
TITLE OF INVENTION: 1999-04-30
CURRENT APPLICATION NUMBER: US/09/302,596
CURRENT APPLICATION NUMBER: 60/103,498
PRIOR FILLING DATE: 1998-10-08
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 5.
LENGTH: 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ó
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-333-415-5
Sequence 5, Application US/0933415
GENERAL INFORMATION:
APPLICANT: Wilsholl, Tina
TITLE OF INVENTION: Function and the Presence of the Condition of IGT and
TITLE OF INVENTION: Type-II Diabetes
TITLE OF INVENTION: Type-II Diabetes
FILE REFERENCE: P03997USC
CURRENT APPLICATION NUMBER: US/09/333,415
CURRENT FILING DATE: 1999-06-15
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Coolidge, Thomas R. APPLICANT: Coolidge, Thomas R. TITLE OF INVENTION: Metabolic Intervention with GLP-1 or its Biologically TITLE OF INVENTION: Active Analogues to Improve the Function of the FITLE OF INVENTION: Ischemic and Reperfused Brain FILE REFERENCE: P03660US2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 100.0%; Score 133; DB 4; Length 29; 100.0%; Pred. No. 8.6e-14; ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 29;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        100.0%; Score 133; DB 3;
100.0%; Pred. No. 8.6e-14;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           4 FTSDVSSYLEGQAAKEFIAWLVKGRG 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 FISDVSSYLEGOAAKEFIAWLVKGRG 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           4 FTSDVSSYLEGQAAKEFIAWLVKGRG 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 FTSDVSSYLEGQAAKEFIAWLVKGRG 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 5, Application US/09303016; Patent No. 6429197; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 100.
Matches 26; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  26; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ) ORGANISM: mammalian
US-09-302-596-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-333-415-5
                               RESULT 2
US-09-302-596-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQ ID NO 5
LENGTH: 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ਨੇ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          අු
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ઠ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          a
```

```
ö
                                                 ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
                                                                                                                                                                                                                                                                             Sequence 5, Application US/09805507
| Sequence 5, Application US/09805507
| Patent No. 6779851
| GENERAL INFORMATION
| APPLICANT: COLLIDGE, THOMAS R.
| APPLICANT: EHLERS, MARIO
| TITLE OF INVANION: TREATWENT OF ACUTE CORONARY SYNDROME WITH GLP-1
| PILE REPERENCE: 089187/0395
| CURRENT PILING DATE: 2001-03-14
| PRIOR FILING DATE: 2001-05-18
| PRIOR FILING DATE: 2001-05-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Description of Unknown Organism: Truncated form; CTHER INFORMATION: of GLP-1
US-09-805-507-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ;
0
                                                 ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 6
PCT-1855-10793-10
SQUENCE 10, Application PC/TUS9510793
SQUENCE 10, Application PC/TUS9510793
GRNERAL INFORMATION:
APPLICANT: Johnson, William T.
APPLICANT: Yakubu-Madus, Patima B.
TITLE OF INVENTION: BIOLOGICALLY ACTIVE FRAGMENTS OF
TITLE OF INVENTION: GLUCAGON-LIKE INSULINOTROPIC PEPTIDE
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Bli Lilly and Company/RSM
STREET: Lilly Corporate Center
CITY: Indianapolis
  Length 29;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 100.0%; Pred. No. 8.6e-14;
Matches 26; Conservative 0; Mismatches 0;
Query Match
Best Local Similarity 100.0%; Pred. No. 8.6e-14;
Matches 26; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FTSDVSSYLEGQAAKEFIAWLVKGRG 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 FTSDVSSYLEGQAAKEFIAWLVKGRG 26
                                                                                                        1 FTSDVSSYLEGGAAKEFIAMLVKGRG 26
                                                                                                                                                 4 FISDVSSYLEGGAAKRFIAMLVKGRG 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
```

Length 30;

```
Query Match
Best Local Similarity 100.1
Matches 26; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 30 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: 317-277-1917
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear
MOLECULE TYPE: peptide
                                                                                                                                                                                              RESULT 8
PCT-US95-10793-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 9
US-08-095-162-3
                                                                                        Š
                                                                                                                              g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Š
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      셤
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 12, Application US/08297731
Fatent No. 5574008
GENERAL INFORMATION:
APPLICANT: Yakubu-Madus, Fatima E.
TITLE OF INVENTION: BIOLOGICALLY ACTIVE FRAGMENTS OF
TITLE OF INVENTION: GLUCAGON-LIKE INSULINOTROPIC PEFIDE
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Bli Lilly and Company/RSM
STREET: Lilly Corporate Center
CITY: Indianapolis
STATE: IN
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
100.0%; Score 133; DB 5; Length 29;
Best Local Similarity 100.0%; Pred. No. 8.6e-14;
Matches 26; Conservative 0; Mismatches 0; Indels
    OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPOTER READBLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/297,731
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 FTSDVSSYLEGQAAKEFIAWLVKGRG 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4 FTSDVSSYLEGGAAKEFIAWLVKGRG 29
                                        CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/10793
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE:
CLASS/FICATION: 514
ATONEE/AGENT INFORMATION:
NAME: Maciak, Ronald S.
REGISTRATION NUMBER: 35,262
REFERENCE/DOCKET NUMBER: X9630
TELECOMMUNICATION INFORMATION:
TELEPHONE: 317-275-1664
TELEPAX: 317-277-1917
                                                                                                     CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Maciak, Ronald S.
REGISTRATION NUMBER: 35,262
REGISTRATION NUMBER: X9630
TELECOMMUNICATION:
TELEPHONE: 317-277-1917
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CLARACTERISTICS:
LENGTH: 29 amino acids
STRANDEDRESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 amino acids
                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear MOLECULE TYPE: peptide PCT-US95-10793-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; MOLECULE TYPE: peptide US-08-297-731-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: amino acid
STRANDEDNESS: si:
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             46285
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 7
US-08-297-731-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               8
```

```
ö
                                                                      ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 3, Application US/08095162

Patent No. 5512459
GENERAL INFORMATION:
APPLICANT: Wagner, Jay
APPLICANT: Henriksen, Dennis
APPLICANT: Partidge, Buce
APPLICANT: Manning, Shane
TITLE OF INVENTION: Enzymatic Method for Modification of
TITLE OF INVENTION: Recombinant Polypeptides
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 30;
                                                                                                                                                                                                                                                                        Sequence 12, Application PC/TUS9510793
GENERAL INFORMATION:
APPLICANT: Johnson, William T.
APPLICANT: Johnson, William T.
APPLICANT: Johnson, Milliam B.
TITLE OF INVENTION: BIOLOGICALLY ACTIVE FRAGMENTS OF
TITLE OF INVENTION: GLUCAGON-LIKE INSULINOTROPIC PEPTIDE
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE ELI LILLY and Company/RSM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/10793
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Maciak, Ronald S.
REGISTRATION NUMBER: 35,262
REGISTRATION NUMBER: 35,262
REGISTRATION NUMBER: 35,262
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION:
                    Score 133; DB 1;
Pred, No. 9e-14;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 DB 5;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 100.0%; Score 133; DB 5.
Best Local Similarity 100.0%; Pred. No. 9e-14;
Matches 26; Conservative 0; Mismatches (
100.0%; Scor.
100.0%; Pred. No. 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: Eli Lilly and Company/RSM STREET: Lilly Corporate Center CITY: Indianapolis
                                                                                                                                               5 FTSDVSSYLEGQAAKEFIAWLVKGRG 30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 FTSDVSSYLEGQAAKEFIAWLVKGRG 26
                                                                                                                   1 PTSDVSSYLEGQAAKEFIAMLVKGRG 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       5 FISDVSSYLEGGAAKEFIAWLVKGRG 30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY: USA
ZIP: 46285
ZIP: 46285
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OMFUTING SYSTEM: PC-DOS/MS-DOS
```

Length 31; Indels

```
GENERAL INFORMATION:
APPLICANT: NISHIWURA, Osamu
APPLICANT: KURIYAMA, Nasacu
APPLICANT: KURIYAMA, No. 5861284uyuki
APPLICANT: KUYAWA, No. 5861284uyuki
APPLICANT: KUYAWA, No. 5861284uyuki
APPLICANT: FUKUDA, FURUDA, FURUDA, FURUDA, FURUDA, TITLE OF INVENTION: METHOD FOR PRODUCING A BIOLOGICALLY
TITLE OF INVENTION: ACTIVE RECOMBINANT CYSTEINB-FREE
NUMBER OF SEQUENCES: 37
CORRESPONDENCES: 37
CORRESPONDENCES: 130 WATER STREET
STREET: 130 WATER STREET
CITY: BOSTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
100.0%; Score 133; DB 1;
Best Local Similarity 100.0%; Pred. No. 9.3e-14;
Matches 26; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY: USA

ZIF: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEG Version 1.5
SOFTWARE: FastSEG Version 1.5
CURRENT APPLICATION NUMBER: US/08/835,231
FILING DATE:
APPLICATION NUMBER: US/08/835,231
FILING DATE: 07-DEC-1994
APPLICATION NUMBER: 07/088,857
FILING DATE: 18-FEB-1991
APPLICATION NUMBER: UP 024841
FILING DATE: 19-FEB-1991
APPLICATION NUMBER: UP 027438
FILING DATE: 18-CCT-1991
APPLICATION NUMBER: UP 0271438
FILING DATE: 18-CCT-1991
ATTORNEY/AGENT INFORMATION:
NAME: DAVID, RESNICK S
REGISTRATION NUMBER: 34,235
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                6 FTSDVSSYLEGGAAKEFIAWLVKGRG 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 12, Application US/08835231
Patent No. 5861284
ATTORNEY/AGENT INFORMATION:
NAME: Nelson, Albin J.
REGISTRATION NUMBER: 28,659
REFERENCE/DOCKET NUMBER:
TELECOMANICATION INFORMATION:
TELEPHONE: 612-332-5300
TELEPHONE: 612-332-5301
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 31 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REGISTRATION NUMBER: 34,235
REFERENCE/DOCKET NUMBER: 41
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELECOMMUNICATION INFORMATION: TELEPHONE: 617-523-3400
                                                                                                                                                                                                                                                                  TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
IMMEDIATE SOURCE:
CLONE: GLP1 (7-36)-Gly
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 617-523-6440
TELEX: 200291 STRE
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                ; CLONE: G)
US-08-470-220A-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                DB 1; Length 31;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Stout, Jay
APPLICANT: Stout, Jay
APPLICANT: Stout, Jay
APPLICANT: Honriksen, Dennis
APPLICANT: Harriksen, Dennis
APPLICANT: Manning, Shane
TITLE OF INVENTION: Enzymatic Method for Modification of
TITLE OF INVENTION: Recombinant Polypeptides
NUMBER OF SEQUENCES: 26
ONRESSEDE: Marchant & Gould
STREET: 3100 No. 5707826west Center
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Indels
                                                                                                                                 COMPUTER READABLE FORM:

COMPUTER READABLE FORM:

MEDIUM TYPE: Ploppy disk
COMPOTER: IEM PC compatible
COMPOTER: IEM PC compatible
COMPOTER: IEM PC compatible
COMPOTER: IEM PC compatible
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/095,162
FILING DATE: 20-JUL-1993
CLASSIFICATION: 514
ATYORNEY/AGENT INFORMATION:
NAME: Mealson, Albin D.
REGISTRATION NUMBER: 28,659
REFERENCE/POCKET NUMBER: 28,659
REFERENCE/POCKET NUMBER: 28,659
RELEPHONE: 612-332-9081
TELEPHONE: 612-332-9081
INPORMATION POR SEO ID NO: 3:
SEQUENCE CHARACTERISTICS:
LEMGTH: 31 anino acids
TYPE: amino acids
TOPOLOGY: linear:
TOPOLOGY: linear:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STATE: 3100 NO. 5707626WEBL CERLEGE
CITY: Minneapolis
STATE: MN
COUNTRY: USA
ZIP: 55402
COMPUTER READABLE FORM:
MEDIUM TYPE: P.COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/470,220A
FILING DATE: 06-JUN-1995
CLASSIFICATION DATA:
RAPPLICATION DATA:
RAPPLICATION DATA:
RAPPLICATION DATA:
RAPPLICATION DATA:
RAPPLICATION NUMBER: US/08/162
FILING DATE: 20-JUL-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 100.0%; Score 133; E
Best Local Similarity 100.0%; Pred. No. 9.3
Matches 26; Conservative 0; Mismatches
           ADDRESSEE: Merchant & Gould
STREET: 3100 No. 5512459west Center
CITY: Minneapolis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 FISDVSSYLEGGAAKEFIAMLVKGRG 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             6 FTSDVSSYLEGGAAKEFIAMLVKGRG 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 3, Application US/08470220A
Patent No. 5707826
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: linear
MOLECULE TYPE: peptide
INMEDIATE SOURCE:
CLONE: GLP1 (7-36)-Gly
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-08-470-220A-3
                                                                                                                   COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-08-095-162-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ઠે
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Ď,
```

ઠે D,

```
Sequence 1, Application US/08961405A
Patent No. 6191102
GENERAL INFORMATION:
APPLICANT: DIMARCHI, Richard D.
APPLICANT: Efendic, Suad
ITILE OF INVENTION: OSE OF GLP-1 ANALOGS AND DERIVATIVES
ITILE OF INVENTION: ADMINISTERED PERIPHERALLY IN REGULATION OF OBESITY
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS & THORNEURG
STREET: 200 W. Madison, Suite 2601
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 6, Application US/08961405A
Patent No. 6191102
GENERAL INFORMATION:
APPLICANT: DIMARCHI, Richard D.
APPLICANT: Bfendic, Suad
TITLE OF INVENTION: ADMINISTERED PERIPHERALLY IN REGULATION OF OBESITY
NUMBER OF SEQUENCES:
ADDRESSEE: BARNES & THORNBURG
STREET: 200 W. Madison, Suite 2601
STREET: Chicago
STREET: Chicago
STREET: Lilinois
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               DB 3; Length 31;
                                                                                                                                                                                                                                                                                                                                                                                                           SIREST: 200 W. MAGISOL, SILLE 2011
CITY: Chicago
STATE: 111inois
COMPUTER: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC. COMPATIBLE
OPERATING SYSTEM: PC. FORMS:
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/961,405A
PILING DATE: 30-OCT-1997
PRIOR APPLICATION NUMBER: US 60/030,213
FILING DATE: 05-NOV-1996
ATTONEY/AGENT INFORMATION:
NAME: MATTIN, Alice O.
REGISTRATION NUMBER: 35,601
REGISTRATION NUMBER: 35,601
REGISTRATION NUMBER: 35,601
REGISTRATION NUMBER: 312-357-1313
TELEFRAK: 312-357-1313
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
100.0%; Score 133; DB 3;
Best Local Similarity 100.0%; Pred. No. 9.3e-14;
Matches 26; Conservative 0; Mismatches 0;
1 FTSDVSSYLEGQAAKEFIAWLVKGRG 26
                           6 FISDVSYLEGGAAKEFIAWLVKGRG 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 FTSDVSSYLEGQAAKEFIAWLVKGRG 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    6 FISDVSSYLEGOAAKEFIAMLVKGRG 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO: 1: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-08-961-405A-6
                                                                                                                                       US-08-961-405A-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-08-961-405A-1
Š
                                   g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    g
                                                                                                                                                                                                                                                                                                       ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
                                                                                                                                                                                                                                                                                                       0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Stout, Joy
APPLICANT: Bentikeen, Dennis
APPLICANT: Partidge, Bruce
TITLE OF INVENTION: Engymatic Method for Modification of
TITLE OF INVENTION: Engymatic Method for Modification of
TITLE OF INVENTION: Engymatic Method for Modification of
TITLE OF INVENTION: Engymes: 26
APPLICANT: Manning, Shane
CORRESPONDER ADDRESS:
ADDRESSEE: Marchant & Gould
CITY: Minneapolis
STATE: MN
COUNTRY: USA
ZIP: 55402
COMPUTER: 180 PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/967,374
FILING DATE: 29-AUG-1995
ATTONEY/ABENT INPORMATION:
NAME: Carter, Charles G.
REDERHORS: 612-332-9081
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE HORACTERISTICS:
LERGONMOTION FOR SEQ ID NO: 3:
SEQUENCE HORACTERISTICS:
LERGONMOTION FOR SEQ ID NO: 3:
SEQUENCE HORACTERISTICS:
LERGONMOTION CATION acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 100.0%; Score 133; DB 3; Length 31; Best Local Similarity 100.0%; Pred, No. 9.3e-14; Matches 26; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                       Indels
                                                                                                                                                                                                                                                  Ouery Match 100.0%; Score 133; DB 2;
Best Local Similarity 100.0%; Pred. No. 9.3e-14;
Matches 26; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                  1 FTSDVSSYLEGQAAKEFIAWLVKGRG 26
                                                                                                                                                                                                                                                                                                                                                                                            6 FISDVSSYLEGGAAKEFIAWLVKGRG 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 3, Application US/08967374
Patent No. 6037143
                                                                                                                                                           N-terminal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: peptide
IMMEDIATE SOURCE:
CLONE: GLPI (7-36)-Gly
31 amino acids
                 TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                            TOPOLOGY: linear MOLECULE TYPE: peptide HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                               ANTI-SENSE: NO FRAGMENT TYPE: NO PRIGINAL SOURCE: US-08-835-231-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-08-967-374-3
```

Gaps

ö

Length 31; Indels

```
Query Match
100.0%; Score 133; DB 3;
Best Local Similarity 100.0%; Pred. No. 9.3e-14;
Matches 26; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                              1 FTSDVSSYLEGQAAKEFIAWLVKGRG 26
                                                                                                                                                                                                                                                                    6 FISDVSSYLEGOAAKEFIAWLVKGRG 31
                                                                                                                                                                                                                                                                                                                                    Search completed: July 3, 2004, 00:28:47 Job time : 13.4037 secs
31 amino acids
                                                        TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-915-918A-1
                  TYPE: amino acid
STRANDEDNESS:
LENGTH
                                                                                                                                                                                                                                                                      셤
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 1, Application US/08915918A

Patent No. 6277819

GENERAL INFORMATION:
APPLICANT: Efendic, Suad
TITLE OF INVENTION:
TITLE OF INVENTION: WOCARDIAL INFARCTION
NUMBER OF SEQUENCES:
ADDRESSER: BRINKS, HOFER, GILSON & LIONE
STREET: NEC TOWER - Suite 3600, 455 N. Cityfront
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60611-599
COMPUTER REDABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CLASSIFICATION NUMBER: US/08/915,918A
FILING DATE: 21-AuG-1997
CLASSIFICATION NUMBER: 35,601
REGISTRATION NUMBER: 35,601
REGISTRATION NUMBER: 35,601
REFERENCE/DOCKET NUMBER: 35,601
REFERENCE/DOCKET NUMBER: 35,601
REFERENCE/DOCKET NUMBER: 8792/28
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 31;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0; Indels
               Query Match
100.0%; Score 133; DB 3;
Best Local Similarity 100.0%; Pred. No. 9.3e-14;
Matches 26; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 FTSDVSSYLEGQAAKEFIAWLVKGRG 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   6 FISDVSSYLEGQAAKEFIAWLVKGRG 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO: 1:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 31 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STRANDEDNESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 15
US-08-915-918A-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-08-961-405A-6
COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Ω.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     8
```

SEQUENCE CHARACTERISTICS:

Sequence Sequence Sequence Sequence Sequence Sequence

Sequence

Appl Appli Appli

Sequence Sequence Sequence

Sequence Sequence Sequence Sequence Sequence Sequence

Sequence

Sequence

Sequence Sequence Sequence Sequence Sequence Sequence

protein

Š

Run on:

Sequence:

Searched:

```
Sequence 2, Application US/09943084

Publication No. US20030050237A1

GENERAL INFORMATION

Lambert, William J.

Qi, Hong

Gelfand, Robert A.

Geoghegan, Kieran P.

Danley, Dennis B.

TITLE OP INVENTION: Prolonged Delivery of Peptides

NUMBER OF SEQUENCES: 7

CORRESPONDENCE ADDRESS:

ADDRESSE: Pfizer Inc

STREET: 235 East 42nd Street, 20th Floor

CITY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STATE: New York
COUNTRY: U.S.A.
ZIP: 10010-5752
COMPUTER: READALISE PORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compartible
COMPUTER: IBM PC Compartible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
US-09-834-229A-1

US-09-997-792-1

US-09-997-792-12

US-09-997-792-12

US-09-997-792-12

US-09-997-792-12

US-09-997-792-12

US-09-997-792-12

US-09-997-792-29

US-09-9858-880-4

US-09-858-880-4

US-00-072-540A-1

US-10-169-657-1

US-10-169-657-1

US-10-169-657-1
                                                                                                                                                                                                                                                                                                       US-10-169-657-15
US-10-169-657-17
US-10-169-657-19
US-10-169-657-21
US-10-169-657-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/08/181,655
FILING DATE: CURKNOWIN-
ATTORNEY/ACENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/943,084
FILING DATE: 31-Aug-2001
CLASSIFICATION: vUnknown>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                              ALIGNMENTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Sheyka, Robert F.
REGISTRATION NUMBER: 31,304
REFREENCE/DOCKET NUMBER: PCB391
TELECOMMINICATION INFORMATION:
TELEPHONE: (212)573-1189
  000000000
                                                                         90.
                                                                                     00
                                                                                                  8
                                                                                                            8
                                                                                                                        80
                                                                                                                                    888
                                                                                                                                                                        000
                                                                                                                                                                                                           888
                                                                                                                                                                                                                                                888
                                                                                                                                                                                                                                                                                   001
                                                                                                                                                                                                                                                                                                                       00
                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-943-084-2
                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 1
  Appli
Appli
Appli
Appli
Appli
Appli
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Appli
Appli
Appli
                                                                                                (without alignments)
215.093 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 3, 1
Sequence 3, 1
Sequence 3, 1
Sequence 3, 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 5,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 2,
Sequence 3,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 5,
Sequence 5,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 5,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Description
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence
                                                                                   3, 2004, 00:26:08; Search time 37.6273 Seconds
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Seguence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence
                                                                                                                                                                                                                                                                                                                                                                  / cgn2_6/ptodata/2/pubpaa/USO7_PUBCOMB.ppp:*
/ cgn2_6/ptodata/2/pubpaa/PCT_NEW_PUB.ppp:*
/ cgn2_6/ptodata/2/pubpaa/PCT_NEW_PUB.ppp:*
/ cgn2_6/ptodata/2/pubpaa/USO6_PUBCOMB.ppp:*
/ cgn2_6/ptodata/2/pubpaa/PCTUB/PUBCOMB.ppp:*
/ cgn2_6/ptodata/2/pubpaa/PCTUB/PUBCOMB.ppp:*
/ cgn2_6/ptodata/2/pubpaa/PCTUB/PUBCOMB.ppp:*
/ cgn2_6/ptodata/2/pubpaa/USOB_PUBCOMB.ppp:*
                                                                                                                                                                                                                                                1276540
            GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                          Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-943-084-2
US-09-851-738-5
US-09-851-738-5
US-09-853-804-5
US-09-982-978-5
US-10-092-258-5
US-10-085-258-5
US-10-085-258-5
US-10-085-259-5
US-09-851-738-2
US-09-851-738-3
US-09-861-738-3
US-09-861-738-3
US-09-861-738-3
US-09-861-738-3
US-09-861-738-3
US-09-861-738-3
US-09-861-738-3
US-09-982-978-3
                                                                                                                                                                                                                      1276540 seqs, 311283816 residues
                                                                                                                                 US-09-943-084-2
133
1 FTSDVSSYLEGQAAKEFIAWLVKGRG 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SUMMARIES
                                                                                                                                                                                                                                                                                                                                                          Published Applications AA:*
                                                                                                                                                                                                                                                                                                         Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                           - protein search, using sw model
                                                                                                                                                                                              Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                    Minimum DB seq length: 0
Maximum DB seq length: 200000000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DB
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length
                                                                                                                                                                                   BLOSUM62
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query
Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   July
                                                                                                                                                                                                                                                                                                                                                                      Post-processing:
                                                                                                                                 Title:
Perfect score:
                                                                                                                                                                                 Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score
```

Database :

111111 144010 144010

Result Š

```
Sequence 5, Application US/09859804

| Sequence 5, Application US/09859804
| Patent No. US20020107206A1
| GENERAL INFORMATION:
| APPLICANT: COOLINGE, THOMAS R.
| APPLICANT: GOLINGE, MARIO
| TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROWE WITH GLP-1
| TILE REPERBNEE: 089187/0395
| CURRENT FILING DATE: 2001-05-18
| PRIOR APPLICATION NUMBER: 60/205,239
| PRIOR APPLICATION NUMBER: 60/205,239
| PRIOR PILING DATE: 2000-05-19
| NUMBER OF SEQ ID NOS: 13
| SEQ ID NO 5
| LENGTH: 29
| TENGTH: 29
| TENGTH: 29
| TENGTH: 29
| TENGTH: 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
APPLICANT: COOLIDGE, THOMAS R.
APPLICANT: EHLERS, MARIO
TITLE OF INVENTION: TREATHENT OF ACUTE CORONARY SYNDROME WITH GLP-1
FILE REPERENCE: 009187/0395
CURRENT APPLICATION NUMBER: US/09/805,507
CURRENT FILING DATE: 2001-03-14
PRIOR FILING DATE: 2001-06-18
SOFTWARE OF SEQ ID NOS: 13
SOFTWARE: PALENIT VOS: 2.1
SOFTWARE: PALENIT VOS: 2.1
LENGTH: 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 5
US-09-982-978-5
Squence 5, Application US/09982978
F Sequence 5, Application US/09982978
F Patent No. US2002014640511
GENERAL INFORMATION:
APPLICANT: COLLIDES, THOMAS R.
TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
FTILE REFERENCE: 089187/0395
CURRENT APPLICATION NUMBER: US/09/982,978
CURRENT FILING DATE: 2001-10-22
FRIOR APPLICATION NUMBER: 09/859,804
                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: Description of Unknown Organism: Truncated form; OTHER INFORMATION: of GLP-1
US-09-805-507-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; OTHER INFORMATION: Description of Unknown Organism: Truncated form; OTHER INFORMATION: of GLP-1
US-09-859-804-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 29;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 29;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   100.0%; Score 133; DB 9;
100.0%; Pred. No. 2.9e-13;
:ive 0, Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 100.0%; Score 133; DB 9; Best Local Similarity 100.0%; Pred. No. 2.9e-13; Matches 26; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 FISDVSSYLEGQAAKEFIAMLVKGRG 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       4 FTSDVSSYLEGGAAKEFIAWLVKGRG 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  4 FISDVSSYLEGOAAKEFIAMLVKGRG 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 FTSDVSSYLEGQAAKEFIAWLVKGRG 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: PRT
ORGANISM: Unknown Organism
                                                                                                                                                                                                                                                                                                  TYPE: PRT
ORGANISM: Unknown Organism
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 100.
Matches 26, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  셤
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 셤
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ò
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 5, Application US/09851738
Patent No. US20020055460A1
Patent No. US20020055460A1
APPLICANT: COOLIGGE, Thomas R.
APPLICANT: Coolidge, Thomas R.
APPLICANT: Coolidge, Thomas R.
TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of TITLE OF INVENTION: Ischemic and Reperfused Tissue
TITLE OF INVENTION: ISchemic and Reperfused Tissue
TITLE OF INVENTION: US0660US1
CURRENT PILIGATION NUMBER: US/09/851,738
CURRENT PILING DATE: 2001-05-09
PRIOR FILING DATE: 1999-04-30
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 5
LENGTH: 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ô
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ó
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 26;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 29;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 100.0%; Pred. No. 2.5e-13;
Matches 26; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
100.0%; Score 133; DB 9;
Best Local Similarity 100.0%; Pred. No. 2.9e-13;
Matches 26; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE DESCRIPTION: SEQ ID NO: 2:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 FTSDVSSYLEGGARKEFIAMLVKGRG 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 FISDVSSYLEGOAAKBFIAWLVKGRG 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 FTSDVSSYLEGQAAKEFIAWLVKGRG 26
          TELEX: N/A
INFORMATION FOR SEQ ID NO: 2:
ERISTICS:
                                                                                                                                                                                                                                         ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: N/A
STRAIN: N/A
INDIVIDUAL ISOLATE: N/A
HAPLOTYPE: N/A
INMEDIATE SOURCE:
LIBRARY: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLONE: N/A
POSITION IN GENOME:
CHROMOSOME/SEGMENT: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 5, Application US/09805507 Patent No. US20020098195A1 GENERAL INFORMATION:
       TELEFAX: (212)573-1939
                                                                                                  LENGTH: 31 amino acids
                                                                                                                         TYPE: amino acid
STRANDEDNESS: single
TOPOLGGY: linear
MOLECCLE TYPE: peptide
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MAP POSITION: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             UNITS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; TYPE: PRT
; ORGANISM: ma
US-09-851-738-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-805-507-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-943-084-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            -09-851-738-5
```

δ

셤

Ş

a

```
RESULT 8
US-10-055-259-5
US-10-055-259-5
Sequence 5, Application US/10055259
Publication No. US20030091507A1
GRNERAL INFORMATION:
APPLICANT: Holst, Jans J.
APPLICANT: Holst, Jans J.
APPLICANT: Wilsboll, Tina
TITLE OF INVENTION: GLP-1 AS A DIAGNOSTIC TEST TO DETERMINE Beta-CELL FUNCTION AND:
TITLE OF INVENTION: REREENCE OF THE CONDITION OF IGT AND TYPE-II DIABETES
CURRENT APPLICATION NUMBER: US/10/055,259
CURRENT FILING DAME: 2002-06-21
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin version 3.1
SEQ ID NO 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Truncated form of GLP-1
                                                       ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 5, Application US/10322839

Sequence 5, Application US/10322839

Publication No. US20040002454A1

GENERAL INFORMATION:

APPLICANT: Collidge, Mario

APPLICANT: Ehlers, Mario

APPLICANT: Ellers, Mario

APPLICANT: Ellers, Mario

FILE REFERENCE: P06671US2

CURRENT APPLICATION NUMBER: US/10/322,839

FRIOR FILING DATE: 2002-12-18

FRIOR FILING DATE: 2000-05-19

NUMBER OF SEQ ID NOS: 13

SOFTWARE: Patentin Version 3.1

SEQ ID NO 5

LENGTH: 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
                                                       Gaps
                                                       ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                100.0%; Score 133; DB 14; Length 29; 100.0%; Pred. No. 2.9e-13;
         Length 29;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 29;
                                                    Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: Description of Unknown Organism:
US-10-322-839-5
       100.0%; Score 133; DB 14; ilarity 100.0%; Pred. No. 2.9e-13; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 100.0%; Score 133; DB 15; Best Local Similarity 100.0%; Pred. No. 2.9e-13; Matches 26; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0; Mismatches
                                                                                                                          4 FTSDVSSYLEGQAAKBFIAWLVKGRG 29
                                                                                                1 FTSDVSSYLEGGAAKEFIAWLVKGRG 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 FISDVSSYLEGOAAKEFIAWLVKGRG 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     4 FISDVSSYLEGGAAKEFIAWLVKGRG 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         4 FTSDVSSYLEGQAAKEFIAWLVKGRG 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            26; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Ouery Match
Best Local Similarity
Matches 26; Conserv
                            Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: PRT
ORGANISM: Unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-10-055-259-5
       Query Match
Best Local Si
Matches 26
                                                                                                à
                                                                                                                                         심
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ઠે
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     a
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ઠે
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     임
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 5, Application US/09953021B
Patent No. US20020147131AJ
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Coolidge, Thomas L.
APPLICANT: Coolidge, Thomas L.
APPLICANT: Ellers, Mario R.W.
ITILE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of Isch
TITLE OF INVENTION: Reperfused Skeletal Muscle Tissue
FILE REFERENCE: P03660US6
CURRENT FILING DATE: 2001-09-11
PRIOR FILING DATE: 1999-04-30
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 5:
IENGTH: 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 5, Application US/10091258
Publication No. US20030073626A1
CENERAL INPORMATION:
APPLICANT: Coolidge, Thomas R
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING PERIPHERAL VASCULAR DISEASE
FILE REPERENCE: RGN-2
CURRENT APPLICATION NUMBER: US/10/091,258
CURRENT APPLICATION NUMBER: 202-03-05
NUMBER OF SEQ ID NOS: 13
SSOTHWARE: Patentin version 3.1
SEQ ID NO 5: 5
                                                                                                                                                                                                                                                                                                                                                                      ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ö
                                                                                                                                                                                                                                                                                                                                                                      Gaps
                                                                                                                                                                                                                             CTHER INFORMATION: Description of Unknown Organism: Truncated form; OTHER INFORMATION: of GLP-1
US-09-982-978-5
                                                                                                                                                                                                                                                                                                                                                                    ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
100.0%; Score 133; DB 9; Length 29;
Best Local Similarity 100.0%; Pred. No. 2.9e-13;
Matches 26; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                           Length 29;
                                                                                                                                                                                                                                                                                                                                                                    Indels
                                                                                                                                                                                                                                                                                                                      Query Match

200.0%; Score 133; DB 9;
Best Local Similarity 100.0%; Pred. No. 2.9e-13;
Matches 26; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                               1 FTSDVSSYLEGQAAKEFIAWLVKGRG 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                           4 FISDVSSYLEGOAAXEFIAMLVKGRG 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 FISDVSSYLEGOAAKEFIAWLVKGRG 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       4 FTSDVSSYLEGOAAKEFIAWLVKGRG 29
PRIOR FILING DATE: 2001-05-18
PRIOR APPLICATION UNMBER: 60/205,239
PRIOR FILING DATE: 2000-05-19
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 5
                                                                                                                                                            TYPE: PRT
ORGANISM: Unknown Organism
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT
ORGANISM: mammalian
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 -09-953-021B-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-953-021B-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              -10-091-258-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-10-091-258-5
                                                                                                                                                                                                          PEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                  ઠે
                                                                                                                                                                                                                                                                                                                                                                                                                                                        ద
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           à
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    쉱
```

```
Sequence 3, Application US/09805507
Patent No. US202020099195A1
Patent No. US202020099195A1
APPLICANT: COOLIDGE, THOMAS R.
APPLICANT: COOLIDGE, THOMAS R.
APPLICANT: EHILERS, MARIO
TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
FILE REFERENCE: 089187/0395
CURRENT APPLICATION NUMBER: US/09/805,507
CURRENT FILING DATE: 2001-03-14
PRIOR APPLICATION NUMBER: 09/859,804
PRIOR APPLICATION NUMBER: 09/859,804
PRIOR PILING DATE: 2001-03-18
NUMBER OF SEQ ID NOS: 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PEATURE: OTHER INFORMATION: Description of Unknown Organism: Mammalian GLP OTHER INFORMATION: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
100.0%; Score 133; DB 9;
Best Local Similarity 100.0%; Pred. No. 3.1e-13;
Matches 26; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 FTSDVSSYLEGOAAKEFIAWLVKGRG 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 FISDVSSYLEGGAAKEFIAWLVKGRG 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           6 FTSDVSSYLEGOAAKEFIAWLVKGRG 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        6 PTSDVSSYLEGGAAKEFIAWLVKGRG 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Unknown Organism
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: PRT
ORGANISM: Unknown Organism
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-805-507-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 31
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                       SEQ ID NO 3
LENGTH: 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ઠે
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           셤
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: Coolidge, Thomas R.
APPLICANT: Matabolic Intervention with GLP-1 to Improve the Function of TITLE OF INVENTION: Ischemic and Reperfused Tissue
TITLE OF INVENTION: Ischemic and Reperfused Tissue
CURRENT APPLICATION NUMBER: 126/09/651,738
CURRENT FILING DATE: 1999-04-30
NUMBER: 09/302,596
NUMBER: 09/430
NUMBER: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CTHER INFORMATION: Description of Artificial Sequence: Synthetic POTHER INFORMATION: Peptide US-09-876-388-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 31;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 100.0%; Score 133; DB 9; Length 31; Best Local Similarity 100.0%; Pred. No. 3.1e-13; Matches 26; Conservative 0; Mismatches 0; Indels
                                                                  PARENT NO. COZUGIONASISANI
APPLICANT: Bridon, Dominique P.
APPLICANT: Ezrin, Alan M.
APPLICANT: Ezrin, Alan M.
APPLICANT: Ezrin, Alan M.
APPLICANT: Ezrin, Alan M.
APPLICANT: Holmes, Darren L.
APPLICANT: Holmes, Darren L.
APPLICANT: St. Pierre, Serge
TITLE OP INVENTION: LONG LASTING INSULINOTROPIC PEPTIDES
FILE REFERENCE: 500862001610
CURRENT APPLICATION NUMBER: US/09/876,388
CURRENT FILING DATE: 2001-09-24
PRIOR APPLICATION NUMBER: PCT/US00/13563
PRIOR PILING DATE: 2000-05-05
PRIOR FILING DATE: 2000-05-07
PRIOR FILING DATE: 1999-10-17
PRIOR PLILING DATE: 1999-10-15
PRIOR PRIING DATE: 1999-05-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
100.0%; Score 133; DB 9;
Best Local Similarity 100.0%; Pred. No. 3.1e-13;
Matches 26; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 FTSDVSSYLEGQAAKEFIAWLVKGRG 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             6 FTSDVSSYLEGOAAKEFIAWLVKGRG 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 3, Application US/09851738
Patent No. US20020055460A1
                           Sequence 2, Application US/09876388
Patent No. US20020049153A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; TYPE: PRT; ORGANISM: mammalian
US-09-851-738-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-851-738-3
US-09-876-388-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQ ID NO 3
LENGTH: 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         δ
```

ò

Scaps

ö

Indels

Length 31;

```
## Sequence 3, Application US/09859804

## Sequence 3, Application US/09859804

## Sequence 3, Application US/09859804

## Recent No. US/000107206A1

## REPERTAL INFORMATION:
## APPLICANT: COOLIDGE, THOMAS R.

## APPLICANT: COOLIDGE, THOMAS R.

## TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1

## TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1

## CURRENT PLILING DATE: 2001-05-18

## CURRENT FILING DATE: 2001-05-18

## NUMBER OF SEQ ID NOS: 13

## SOFTWARE: Patentin Ver. 2.1

## SEQ ID NOS: 13

## SEQ ID NOS: 13

## SEQ ID NOS: 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE: OTHER INFORMATION: Description of Unknown Organism: Mammalian GLP US-09-859-804-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 31;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
100.0%; Score 133; DB 9;
Best Local Similarity 100.0%; Pred. No. 3.1e-13;
Matches 26; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 3, Application US/09982978; Patent No. US20020146405Al; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: COOLIDGE, THOMAS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 14
US-09-982-978-3
```

ö

1 FISDVSSYLEGOAAKEFIAWLVKGRG 26

FISDVSSYLEGOAAKEFIAWLVKGRG 31

8

à

us-09-943-084-2.rapb

```
Sequence 3, Application US/09953021B

Patent No. US20020147131A1

GENERAL INFORMATION:

APPLICANT: COOLINGS: Thomas L.

APPLICANT: COOLINGS: Thomas L.

APPLICANT: COOLINGS: Thomas L.

APPLICANT: COOLINGS: Wario R.W.

TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of Isch
FILE REPERENCE: POJ660US6

CURRENT APPLICATION NUMBER: US/09/953,021B

FILE REPERENCE: POJ660US6

CURRENT APPLICATION NUMBER: 09/302,596

PRIOR APPLICATION NUMBER: 09/302,596

PRIOR FILING DATE: 1999-04-30

NUMBER OF SEQ ID NOS: 13

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 3

IENGTH: 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0;
APPLICANT: EHLERS, WARIO

TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1

FILE REFERENCE: 081937/0395

CURRENT REPERENCE: 105/09/982,978

CURRENT FILING DATE: 2001-10-22

PRIOR APPLICATION NUMBER: 09/859,804

PRIOR PILING DATE: 2001-05-19

PRIOR PILING DATE: 2000-05-19

PRIOR PILING DATE: 2000-05-19

SOFTWARE: Patentin Ver. 2.1

LENGTH: 31

TYPE: PRT

CRGANISM: Unknown Organism

PRATICE: NAMEMENT OF STATE ORGANISM: Mammalian GLP

PROMANES: PRT

PRATICE: PRT

PROMANISM: Mammalian GLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CTHER INFORMATION: Description of Unknown Organism: Mammalian GLP; OTHER INFORMATION: peptide
US-09-982-978-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ô
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 100.0%; Score 133; DB 9; Length 31; Best Local Similarity 100.0%; Pred. No. 3.1e-13; Matches 26; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
100.0%; Score 133; DB 9; Length 31;
Best Local Similarity 100.0%; Pred. No. 3.1e-13;
Matches 26; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 FISDVSSYLEGOAAKEFIAWLVKGRG 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 PISDVSSYLEGOAAKEFIAWLVKGRG 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 15
US-09-953-021B-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-953-021B-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            셤
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ઠે
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         먑
```

Search completed: July 3, 2004, 00:51:49 Job time: 37.6273 secs

```
6 16:41:15 2004
Jul
Tue
```

```
Sequence 5, Appli
Sequence 7, Appli
Sequence 19, Appli
Sequence 19, Appli
Sequence 21, Appli
Sequence 22, Appli
Sequence 22, Appli
Sequence 23, Appli
Sequence 27, Appli
Sequence 30, Appli
Sequence 30, Appli
Sequence 30, Appli
Sequence 37, Appli
Sequence 37, Appli
Sequence 37, Appli
Sequence 37, Appli
Sequence 5, Appli
Sequence 64, Appli
Sequence 27, Appli
S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Geoghagan, Kieran F.
Geoghagan, Kieran F.
Danley, Dannis E.
TITLE OF INVENTION: Prolonged Delivery of Peptides
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pfizer Inc
STREET: 215 East 42nd Street, 20th Floor
CITY: New York
CUNTRY: U.S.A.
ZIP: 10017-5755
COMPUTER: RANDABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
US-09-943-084-2

PCT-USO2-13088-5

US-09-646-433-5

US-09-651-738-5

US-09-953-021-5

US-09-953-03-021-5

US-09-953-03-021-5

US-09-953-03-02

US-09-953-03-02

US-08-95-03-03

US-08-95-03-03

US-08-95-03-03

US-08-95-03-03

US-08-95-03-03

US-08-95-03-03

US-08-95-03-03

US-08-95-03-03

US-08-95-03-03

US-08-95-03-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 2, Application US/09943084
GENERAL INFORMATION:
GENERAL LAMPLICANT: Kim, Yesook
Lambert, William J.
Q1, Hong
Gelfand, Robert A.
       RESULT 1
US-09-943-084-2
       3, 2004, 00:22:02; Search time 166.658 Seconds (without alignments) 152.272 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Description
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Pending Patents AA Main:*

1: /cgn2 6/ptodata/2/paa/PCTUS COMB.pep:*
2: /cgn2 6/ptodata/2/paa/USOS COMB.pep:*
3: /cgn2 6/ptodata/2/paa/USOS COMB.pep:*
4: /cgn2 6/ptodata/2/paa/USOS COMB.pep:*
6: /cgn2 6/ptodata/2/paa/USOS COMB.pep:*
6: /cgn2 6/ptodata/2/paa/USOS COMB.pep:*
7: /cgn2 6/ptodata/2/paa/USOS COMB.pep:*
8: /cgn2 6/ptodata/2/paa/USOS COMB.pep:*
10: /cgn2 6/ptodata/2/paa/USOS COMB.pep:*
11: /cgn2 6/ptodata/2/paa/USOS COMB.pep:*
12: /cgn2 6/ptodata/2/paa/USOS COMB.pep:*
13: /cgn2 6/ptodata/2/paa/USOS COMB.pep:*
14: /cgn2 6/ptodata/2/paa/USOS COMB.pep:*
15: /cgn2 6/ptodata/2/paa/USOS COMB.pep:*
16: /cgn2 6/ptodata/2/paa/USOS COMB.pep:*
17: /cgn2 6/ptodata/2/paa/USOS COMB.pep:*
18: /cgn2 6/ptodata/2/paa/USOS COMB.pep:*
19: /cgn2 6/ptodata/2/paa/USOS COMB.pep:*
22: /cgn2 6/ptodata/2/paa/USOS COMB.pep:*
23: /cgn2 6/ptodata/2/paa/USOS COMB.pep:*
24: /cgn2 6/ptodata/2/paa/USOS COMB.pep:*
25: /cgn2 6/ptodata/2/paa/USOS COMB.pep:*
26: /cgn2 6/ptodata/2/paa/USOS COMB.pep:*
27: /cgn2 6/ptodata/2/paa/USOS COMB.pep:*
28: /cgn2 6/ptodata/2/paa/USOS COMB.pep:*
29: /cgn2 6/ptodata/2/paa/USOS COMB.pep:*
20: /cgn2 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 6019581
                                GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                            6019581 seqs, 976053577 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SUMMARIES
                                                                                                                                                                                                                                                              US-09-943-084-2
133
1 FTSDVSSYLEGQAAKBFIAWLVKGRG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                      OM protein - protein search, using sw model
                                                                                                                                                                                                                                                                                                                                                           BLOSUM62
Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              seq length: 0
seq length: 2000000000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query
Match Length DB
                                                                                                                                                                     July
```

Score

No. Result

Total number of

Searched:

Minimum DB Maximum DB

Database

Title: Perfect score:

Run on:

Sequence:

Scoring table:

```
USCOS-64-433-5
USCOS-64-433-5
USCOS-64-433-5
USCOS-64-433-5
USCOS-64-433-5
USCOS-64-433-5
USCOS-64-433-5
USCOS-64-43-5
USCOS-64-65- BUNDAN
USCOS-10-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Truncated form of GLP-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Byrne, Maria
TITLE OF INVENTION: Glucagon-Like Peptide-1 Improves the Ability of the
TITLE OF INVENTION: B-Cell to Sense and Respond to Glucose in Subjects with
TITLE OF INVENTION: Impaired Glucose Tolerance
FILE REPERENCE: P03986US2
CURRENT APPLICATION NUMBER: US/09/719,410
CURRENT FILING DATE: 2000-12-12
PRIOR APPLICATION NUMBER: PCT/US99/10040
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PATENT PILING DATE: 2000-12-12
RUMBER OF SEQ ID NOS: 13
SOFTWARE: PATENT PILING DATE: 2000-12-12
RUMBER OF SEQ ID NOS: 13
SOFTWARE: PATENT PILING DATE: 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ó;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 29;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 29;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: Description of Unknown Organism: US-09-646-433-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ch
1 Similarity 100.0%; Pred. No. 9.5e-13;
26; Conservative 0; Mismatches O.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ch 100.0%; Score 133; DB 21;
1 Similarity 100.0%; Pred. No. 9.5e-13;
26; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 PTSDVSSYLEGGAAKEFIAWLVKGRG 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 FTSDVSSYLEGQAAKEFIAWLVKGRG 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 4
US-09-719-410-5
US-09-719-410-5
Sequence 5, Application US/09719410
SERNERAL INFORMATION:
HAPPLICANT: Goke, Burkhard
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 5
US-09-851-738-5
F Sequence 5, Application US/09851738
; GEMERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
Matches 26; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: PRT
ORGANISM: mammalian
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: PRT
ORGANISM: Unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local S
Matches 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           q
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ઠે
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ሯ
                                                             a
             ð
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE 5, Application PC/TUS0213088
SEQUENCE 5, Application PC/TUS0213088
SEQUENCE 5, Application PC/TUS0213088
SEQUENCE 5. Application:
APPLICANT: Restoragen, Inc.
TITLE 0F INVENTION: METHODS AND COMPOSITIONS FOR TREATING CONDITIONS ASSOCIATED WITH
TITLE 0F INVENTION: METHODS AND
CURRENT APPLICATION NUMBER: PCT/US02/13088
CURRENT PILING DATE: 2002-04-24
NUMBER 0F SEQ ID NOS: 13
SOCTHARR: Patentin version 3.1
SEQ ID NO 55
LENGTH: 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gape
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 26;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            100.0%; Score 133; DB 1; Length 29; ilarity 100.0%; Pred. No. 9.5e-13; Conservative 0; Mismatches 0; Indels
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
ARPLICATION NUMBER: US/09/943,084
FILING DATE: 31-Aug-2001
CLASSIFICATION: «Unknown»
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATE: «Unknown»
ATTORNEY/AGENT INFORMATION:
NAME: Sheyka. Robert R.
REGISTRACION NUMBER: 31,304
REPRENCE/DOCKET NUMBER: 31,304
REPRENCE/DOCKET NUMBER: FC8391
TELEPAX: (212)573-1189
TELEPAX: (212)573-1189
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 100.0%; Score 133; DB 24; Best Local Similarity 100.0%; Pred. No. 8.4e-13; Matches 26; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; SEQUENCE DESCRIPTION: SEQ ID NO: 2: US-09-943-084-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 FTSDVSSYLEGOAAKBFIAWLVKGRG 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 FTSDVSSYLEGGAAKEFIAWLVKGRG 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO: 2:
ERISTICS:
LENGTH: 31 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            HYPOTHETICAL: NO
FRACKENT TESTS: NO
FRACKENT TYPE: NO
FRACKENT SOURCE:
ORIGATISM: N/A
STRAIN: N/A
INDIVIDUAL ISOLATE: N/A
HAPLOTYPES: N/A
IMMEDIATE SOURCE:
LIBRARY: N/A
CLONE: N/A
POSITION IN GENOME:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CHROMOSOMB/SEGMENT: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MAP POSITION: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
Matches 26, Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: mammalian
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 -US02-13088-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PCT-US02-13088-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ò
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      g
```

```
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: COCLIDGE, THOMAS R.
APPLICANT: COCLIDGE, THOMAS R.
APPLICANT: BELEAS, MARIO
ITILE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
FILE REFERENCE: 089187/0395
CURRENT PELING DATE: 2001-02-2
PRIOR APPLICATION NUMBER: 09/859,804
PRIOR APPLICATION NUMBER: 09/859,804
PRIOR PRING DATE: 2001-105-18
PRIOR APPLICATION NUMBER: 60/205,239
PRIOR PLING DATE: 2000-05-19
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 5
LENGTH: 29
                                                                                                                                                                                      Gape
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; OTHER INFORMATION: Description of Unknown Organism: Truncated form; CTHER INFORMATION: of GLP-1
US-09-982-978-5
                                                                                                                                                                                   ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ó
                                                                                                                                             Length 29;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 29;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 29;
                                                                                                                                                                                   Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Indels
                                                                                                                                             Query Match 100.0%; Score 133; DB 25; Best Local Similarity 100.0%; Pred. No. 9.5e-13; Matches 26; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   100.0%; Score 133; DB 25;
100.0%; Pred, No. 9.5e-13;
ive 0, Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 133; DB 25;
Pred. No. 9.5e-13;
                                                                                                                                                                                                                            1 FISDVSSYLEGOAAKEFIAWLVKGRG 26
                                                                                                                                                                                                                                                        4 FTSDVSSYLEGQAAKEFIAWLVKGRG 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 FTSDVSSYLEGQAAKEFIAWLVKGRG 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          4 FTSDVSSYLEGQAAKEFIAWLVKGRG 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             100.08;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 100...
Loca 26; Conservative
    SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 5
LENGTH: 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Unknown Organism
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Homo sapiens
US-09-953-021B-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
                                                                  ; TYPE: PRT
; ORGANISM: mammalian
US-09-953-021-5
                                                                                                                                                                                                                                                                                                                            RESULT 8
US-09-953-021B-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-982-978-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: PRT
                                                                                                                                                                                                                                                                   d
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ģ
                                                                                                                                                                                                                                ò
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ₽
APPLICANT: Coolidge, Thomas R.
APPLICANT: Enlers, Mario R.W.
TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of TITLE OF INVENTION: Ischemic and Reperfused Tissue
FILE REFERENCE: 903660131
CURRENT APPLICATION NUMBER: 05/09/851,738
CURRENT FILING DATE: 2001-05-09
PRIOR FILING DATE: 1999-04-30
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin Ver. 2.0
LENGTH: 29
                                                                                                                                                                                                                                                                                                                                                                                           ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-953-021-5
; Sequence 5. Application US/09953021
; GENERAL INFORMATION:
    APPLICANT: Coolidge, Thomas R.
    APPLICANT: Coolidge, Thomas R.
    APPLICANT: Coolidge, Thomas R.
    APPLICANT: Coolidge, Thomas R.
    APPLICANT: Coolidge, Thomason.
    TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the TITLE OF INVENTION: Function of TITLE OF INVENTION: Isohemic and Reperfused Tissue FILE REPRENCE: P03660US1
    CURRENT APPLICATION NUMBER: US/09/953,021
    CURRENT FILING DATE: 2001-09-11
    PRIOR FILING DATE: 199-04-30
    NUMBER OF SEQ ID NOS: 13
                                                                                                                                                                                                                                                                                                                                                                                           Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: COLIDGE, THOMAS R.
APPLICANT: COLIDGE, MARIO
TITLE OP INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
FILE REFERENCE: 089187/0335
CURRENT APPLICATION NUMBER: 08/09/859,804
CURRENT PILING DATE: 2000-05-18
PRIOR APPLICATION NUMBER: 60/205,239
PRIOR FILING DATE: 2000-05-19
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PATENTIN Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; OTHER INFORMATION: Description of Unknown Organism: Truncated form; CTHER INFORMATION: of GLP-1
US-09-859-804-5
                                                                                                                                                                                                                                                                                                                                                                                           ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ô
                                                                                                                                                                                                                                                                                                                                                Length 29;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 29;
                                                                                                                                                                                                                                                                                                                                                                                           Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
100.0%; Score 133; DB 23;
Best Local Similarity 100.0%; Pred. No. 9.5e-13;
Matches 26; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                100.0%; Score 133; DB 23; 100.0%; Pred. No. 9.5e-13;
                                                                                                                                                                                                                                                                                                                                                                                        0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                 1 FTSDVSSYLEGQAAKEFIAWLVKGRG 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                           4 PTSDVSSYLEGGAAKEFIAMLVKGRG 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 FISDVSSYLEGQAAKEFIAWLVKGRG 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FISDVSSYLEGOAKEFIAWLVKGRG 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 5, Application US/09859804 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 100.0
Matches 26; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: PRT
ORGANISM: Unknown Organism
                                                                                                                                                                                                                                                                                      ; ORGANISM: mammalian
US-09-851-738-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 6
US-09-859-804-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQ ID NO 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ë
G
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ò
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         g
                                                                                                                                                                                                                                                                                                                                                                                                                                 S
```

ö

```
; OTHER INFORMATION: Description of Unknown Organism: Truncated form of GLP-1
US-10-322-839-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ó
                                                                                                                                                                                                                                                                                                                                       ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: Description of Artificial Sequence: Mutagen
                                                                                                                                                                                                                                                                                               Length 29;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 30;
                                                                                                                                                                                                                                                                                                                                       Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
100.0%; Score 133; DB 16;
Best Local Similarity 100.0%; Pred. No. 9.9e-13;
Matches 26; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                  Query Match
100.0%; Score 133; DB 29;
Best Local Similarity 100.0%; Pred. No. 9.5e-13;
Matches 26; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Securice 78, Application US/09206833A
GENERAL INFORMATION:
APPLICANT: DONG, ZHENG XIN
APPLICANT: COY, DAVID H.
TITLE OF INVENTION: GLP-1 ANALOGUES
FILE REFERENCE: 06537/187001
CURRENT APPLICATION NUMBER: US/09/206,833A
CURRENT FILING DATE: 1998-12-07
NUMBER OF SEQ ID NOS: 165
SOFTWARE: PATENTIN Ver. 2.0
SOFTWARE: PATENTIN Ver. 2.0
SOFTWARE: PATENTIN Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 1, Application PC/TUS0143165
GENERAL INFORMATION:
APPLICANT: B1 Lilly and Company
TILE OF INVENTION: GLP-1 FUSION PROTEINS
FILE REFERENCE: X-13991
CURRENT APPLICATION NUMBER: PCT/US01/43165
CURRENT FILING DATE: 2002-10-10
PRIOR PILING DATE: 2000-06-12
PRIOR APPLICATION NUMBER: ...
PRIOR FILING DATE: 2001-05-18
PRIOR PILING DATE: 2000-05-19
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PATENTIN VETSION 3.1
SEQ ID NO 5
LENGTH: 29
                                                                                                                                                                                                                                                                                                                                                                                 1 FTSDVSSYLEGOAAKEFIAMIVKGRG 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FISDVSSYLEGQAAKEFIAWLVKGRG 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FTSDVSSYLEGQAAKEFIAMLVKGRG 30
                                                                                                                                                                                                                                                                                                                                                                                                                       4 FISDVSSYLEGGAAKEFIAMLVKGRG 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME/KBY: MOD_RES

1 LOCATION: (1)

7 CTHER INFORMATION: N-methyl-alanine

US-09-206-833-78
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 35
SOFTWARE: Patentin version 3.1
SEQ ID NO 1
LENGTH: 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                          TYPE: PRT
ORGANISM: Unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 13
US-09-206-833-78
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 14
PCT-US01-43165-1
                                                                                                                                                                                                                      FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                           d
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ద
                                                                                                                                                                                                                                                                                                                                                                                      ሯ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Š
                                                                                                                                                                                                                                 APPLICANT: Holst, Jens J.
APPLICANT: Holst, Jens J.
APPLICANT: Vilsboll, Tina
TITLE OF INVENTION: GLP-1 AS A DIAGNOSTIC TEST TO DETERMINE Beta-CELL FUNCTION AND TH
TITLE OF INVENTION: PRESENCE OF THE CONDITION OF 1GT AND TYPE-II DIABETES
FILE REFERENCE: P03987US1
CURRENT APPLICATION NUMBER: US/10/055,259
CURRENT PILLIO DATE: 2002-06-21
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-10-091-258-5

US-10-091-258-5

GENERAL INFORMATION:
APPLICANT: Hathaway, David R
APPLICANT: Coolidge, Thomas R
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING PERIPHERAL VASCULAR DISBASE
FILE REFERENCE: RGN-2
CURRENT APPLICATION NUMBER: US/10/091,258
CURRENT APPLICATION NUMBER: 2002-03-05
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ö
           Ö
           Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Coolidge, Thomas R. APPLICANT: Coolidge, Thomas R. APPLICANT: Enlers, Mario APPLICANT: Enlers, Mario TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1 FILE REPRENCE: P05671US2 CURRENT APPLICATION NUMBER: US/10/322,839 CURRENT FILING DATE: 2002-12-18
             ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 29;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 29;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Indels
             Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      , DB 26;
9.5e-13;
hes 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
100.0%; Score 133; D
Best Local Similarity 100.0%; Pred. No. 9.5
Matches 26; Conservative 0; Mismatches
             Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        100.0%; Score 133; 100.0%; Pred. No. 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             4 FISDVSSYLEGOAAKEFIAWLVKGRG 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        56
                                                     1 FISDVSSYLEGQAAKEFIAWLVKGRG 26
                                                                                        4 FTSDVSSYLEGOAAKEFIAMLVKGRG 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Frsbvssyleggaakeriawlvkgkg 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 FTSDVSSYLBGQAAKEFIAWLVKGRG
                                                                                                                                                                      US-10-055-259-5; Sequence 5, Application US/10055259; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 5, Application US/10322839 GENERAL INFORMATION:
             ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ö
             Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       , ORGANISM: Homo sapiens
US-10-055-259-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity
----- 26; Conserve
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: mammalian
US-10-091-258-5
           26;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-10-322-839-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQ ID NO S
LENGTH: 29
                                                                                                                                                                                                                                                                                                                                                                                                                           SEQ ID NO 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT
             Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 12
                                                     à
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             셤
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ò
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              g
                                                                                          g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ð
```

```
RESULT 15
PCT-US02-07011-19
FCT-US02-07011-19
Sequence 19, Application PC/TUS0207011
SEQUENCE 19, Application PC/TUS0207011
SEQUENCE 41: APPLICANT: Lexigen Pharmaceuticals Corp.
APPLICANT: Gillies, Stephen
APPLICANT: Way, Jeffrey,
FILLE OF INVENTION: Expression Technology for Proteins Containing a Hybrid Isotype An
FILLE OF INVENTION: Modety
FILLS REPRENCE: LEX-016FC
CURRENT PRILING DATE: 2002-03-07
FRIOR APPLICATION NUMBER: PCT/US02/07011
CURRENT FILLNG DATE: 2001-03-07
PRIOR APPLICATION NUMBER: 05/274,096
SOFTHARE OF SEQ ID NOS: 50
SOFTHARE: Patentin version 3.0
SEQ ID NO 19
INDERTH: 31
                                                                                                       ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ö
                                                                                                       Gape
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gaps
                                                                                                       ô
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ö
                                               Query Match 100.0%; Score 133; DB 1; Length 31; Best Local Similarity 100.0%; Pred. No. 1e-12; Matches 26; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 100.0%; Score 133; DB 1; Length 31; Best Local Similarity 100.0%; Pred. No. 1e-12; Matches 26; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FEATURE:

COTHER INFORMATION: glucagon-like peptide 1

PCT-US02-07011-19
                                                                                                                                                    1 FISDVSSYLBGQAAKBFIAWLVKGRG 26
                                                                                                                                                                               6 FTSDVSSYLEGQAAKEFIAMLVKGRG 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 FISDVSSYLEGGAAKEPIAMLVKGRG 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: PRT ORGANISM: artificial sequence
PCT-US01-43165-1
                                                                                                                                                    ò
                                                                                                                                                                                            q
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ઠે
```

6 FTSDVSSYLEGGAAKEFIAWLVKGRG 31

P,

Search completed: July 3, 2004, 00:46:13 Job time : 166.658 secs Sequence

Sequence 1, Appli Sequence 2, Appli Sequence 2, Appli Sequence 14, Appl Sequence 14, Appl Sequence 16, Appl Sequence 16, Appl Sequence 16, Appl Sequence 18, Appl Sequence 4, Appli Sequence 4, Appli Sequence 4, Appli Sequence 12, Appli

```
FULUARY TOWARD THE REPRENCE: X-16020

FULLE REPRENCE: X-16020

CURRENT FILING DATE: 2004-03-23

NUMBER OF SEQ ID NOS: 10

SOFTWARE: PATHING DATE: 2004-03-23

NOTIFIED TOWARD TOW
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: c-term may or may not be amidated
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           100.0%; Score 133; DB 1;
100.0%; Pred. No. 2.2e-13;
tive 0; Mismatches 0;
US-10-715-976-31

US-10-291-226A-122

US-10-723-093A-1

US-10-722-733-1

US-10-715-976-2

US-10-715-976-14

US-10-715-976-14

US-10-715-976-16

US-10-715-976-16

US-10-715-976-18

US-10-715-976-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PCT-USO4-04421-776

Sequence 776, Application PC/TUSO404421

Sequence 776, Application PC/TUSO404421

APPLICANT: SCIENTIFICUES, S.A.S.

APPLICANT: DONG, ZHENG ZIN.

TITLE OF INVENTION: ANALOGUES OF GLP-1

FILE REPREBURE: 1299-PCT2

CURRENT APPLICATION NUMBER: PCT/USO4/04421

CURRENT PILING DATE: 2004-02-17

NUMBER OF SEQ ID NOS: 78 18

PRIOR APPLICATION NUMBER: 6/449,203

PRIOR FILING DATE: 2003-02-19

SOFTWARE: Patentin version 3.2

LENGTH: 31

LENGTH: 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: Illustrative hGLP-1(7-37) FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ALIGNMENTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FTSDVSSYLEGQAAKEFTAWLVKGRG 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 100.
Matches 26; Conservative
       TYPE: PRT
ORGANISM: Homo sapiens
    1000.00
1000.00
1000.00
1000.00
1000.00
1000.00
1000.00
1000.00
1000.00
1000.00
1000.00
1000.00
1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PCT-US04-04421-776
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 2
PCT-US04-06082-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FEATURE:
       ठ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  å
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 776, App
Sequence 1, Appli
Sequence 13, Appl
Sequence 3, Appli
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               123, App
124, App
2, Appli
2, Appli
2, Appli
                                                                                                                                                               3, 2004, 00:25:27; Search time 12.2733 Seconds (without alignments) 105.442 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Description
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence
Sequence
Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence
Sequence
Sequence
Sequence
Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence
Sequence
Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence
Sequence
Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            327902
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Pending Patents AA New:*

1: /cgn2 6/ptodata/2/paa/PCT NEW COMB.pep:*

2: /cgn2 6/ptodata/2/paa/USO6 NEW COMB.pep:*

3: /cgn2 6/ptodata/2/paa/USO8 NEW COMB.pep:*

4: /cgn2 6/ptodata/2/paa/USO8 NEW COMB.pep:*

5: /cgn2 6/ptodata/2/paa/USO8 NEW COMB.pep:*

6: /cgn2 6/ptodata/2/paa/USO8 NEW COMB.pep:*

7: /cgn2 6/ptodata/2/paa/USO8 NEW COMB.pep:*
                           GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PCT-USO4-04421-776
PCT-USO4-06082-1
US-00-765-165-13
US-10-291-226A-123
US-10-291-226A-124
US-10-291-226A-124
US-10-722-733-2
US-10-722-733-2
US-10-722-733-2
US-10-76-326-22
US-10-76-326-22
US-10-76-326-22
US-10-715-976-22
US-10-715-976-22
US-10-715-976-22
US-10-715-976-22
US-10-715-976-22
US-10-715-976-22
US-10-715-976-22
US-10-715-976-27
US-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-10-291-226A-147
US-10-716-326-33
US-10-716-326-33
US-10-716-326-32
US-10-716-326-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Fotal number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                              US-09-943-084-2
133
1 FTSDVSSYLEGQAAKEFIAWLVKGRG 26
                                                                                                                                                                                                                                                                                                                                                                                                                               327902 seqs, 49773865 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SUMMARIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                          OM protein - protein search, using sw model
                                                                                                                                                                                                                                                                                                                                                          BLOSUM62
Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            seg length: 0
seg length: 2000000000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query
Match Length
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Title:
Perfect score:
                                                                                                                                                                                                                                                                                                                                                            Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Minimum DB
Maximum DB
                                                                                                                                                                                                                                                                                                               Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                               Searched:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Database
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Result
No.
                                                                                                                                                                    Run on
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       400000406400000000400
```

D'APPLICATIONS

H

ö

Gaps

.

Length 31; Indels

```
APPLICANT: Leblanc, Anouk
APPLICANT: St. Pleatre, Serge
TITLE OF INVENTION: LONG LASTING SYNTHETIC GLUCAGON LIKE PEPTIDE (GLP-1)
FILE REFERENCE: 500862001602
                                                                                                                                                                                                                                                                                                                                                                    ) OTHER INFORMATION: Description of Artificial Sequence: Gly8-GLP-1(7-37) US-10-291-226A-123
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
APPLICANT:
FILE METRIRORS:
TITLE OF INVENTION: NOVEL PEPTIDE AGONISTS OF GLP-1 ACTIVITY
FILE REPRENCES: 55511 (454887)
CURRENT APPLICATION NUMBER: US/10/291,226A
CURRENT FILING DATE: 2002-11-08
PRIOR APPLICATION NUMBER: US 60/143,591
PRIOR APPLICATION NUMBER: US 60/143,591
PRIOR PILING DATE: 1999-07-13
NUMBER OF SEQ ID NOS: 153
SOOTWARE: Patentin Ver. 2.1
SEQ ID NO 124
LENGTH: 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 31;
         APPLICANT: Larsen, Bjarne Due
APPLICANT: Larsen, Jens Mollgaard
APPLICANT: Mikkelsen, Jens Mollgaard
APPLICANT: Mikkelsen, Jens Mollgaard
APPLICANT: Neve, Soren
PITTLE OF INVENTIONS: NOVEL BEPTIDE AGONISTS OF GLP-1 ACTIVITY
FILE REFERENCE: 55511(4548)
CURRENT APPLICATION NUMBER: US/10/291,226A
CURRENT PILING DATE: 2002-11-08
PRIOR APPLICATION NUMBER: US 60/143,591
PRIOR PILING DATE: 1999-07-13
NUMBER OF SEQ ID NOS: 153
SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 31,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           100.0%; Score 133; DB 6;
100.0%; Pred. No. 2.2e-13;
tive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 100.0%; Pred. No. 2.2e-13;
Matches 26; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 PTSDVSSYLEGQAAKEFIAWLVKGRG 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               6 PTSDVSSYLEGQAAKEFIAWLVKGRG 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 FTSDVSSYLEGQAAKEFIAWLVKGRG 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           6 FTSDVSSYLEGGAAKEFIAWLVKGRG 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 124, Application US/10291226A
GENERAL INFORMATION:
APPLICANT: Larsen, Bjarne Due
APPLICANT: Mikkelsen, Jens Mollgaard
APPLICANT: Neve, Soren
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 2, Application US/10723099A GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Bridon, Dominique P. APPLICANT: L'Archeveque, Benoit
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         f OTHER INFORMATION: GLP-1(7-37)
US-10-291-226A-124
                                                                                                                                                                                                                                                                                                         TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: L'Archeveque, Ben
APPLICANT: Bzrin, Alan M.
APPLICANT: Holmes, Darren L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 100.
Matches 26; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT
ORGANISM: Homo sapiens
SENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  .10-291-226A-124
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-10-723-099A-2
                                                                                                                                                                                                                                                            SEQ ID NO 123
LENGTH: 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           셤
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ò
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ð
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ö
                                                                                     ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
                                                                                     Gaps
                                                                                     ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 31;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 31;
                                        Length 31;
                                                                                                                                                                                                                                                                               Sequence 13, Application US/09716166
GENERAL INFORMATION:
APPLICANT: Treco, Douglas A.
APPLICANT: Treco, Douglas A.
TITLE OF INVENTION: NUCLEIC ACID CONSTRUCT FOR OPTIMIZED: TITLE OF INVENTION: PODUCTION OF PRODUCTS: TITLE REPERENCE: 10278-014001
CURRENT APPLICATION NUMBER: US/09/716,166; CURRENT PLING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: US 60/166,508
PRIOR FILING DATE: 1999-11-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2.2e-13;
hes 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Indels
                                                                                     0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 3, Application US/10485619
GENERAL INFORMATION:
APPLICANT: Eli Lilly & Company
TITLE OF INVENTION:
CURRENT APPLICATION NUMBER: US/10/485,619
CURRENT APPLICATION NUMBER: US/10/485,619
CURRENT PILING DATE: 2004-01-29
PRIOR APPLICATION NUMBER: 60/314,573
PRIOR FILING DATE: 2001-08-23
NUMBER OF SEQ ID NOS: 3
SOFTWARE: Patentin version 3.1
                                        100.0%; Score 133; DB 1;
100.0%; Pred. No. 2.2e-13;
tive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  100.0%; Score 133; DB 5;
100.0%; Pred. No. 2.2e-13;
ive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2.2e-13;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               DB 6;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             100.0%; Score 133; D
100.0%; Pred. No. 2.2
tive 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 14
SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 13
LENGTH: 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 FISDVSSYLEGQAAKBFIAWLVKGRG 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 PTSDVSSYLEGQAAKEFIAMLVKGRG 26
                                                                                                                                 1 FTSDVSSYLEGQAAKEFIAWLVKGRG 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      6 FISDVSSYLEGGAAKBFIAWLVKGRG 31
                                                                                                                                                                6 FTSDVSSYLEGQAAKBFIAWLVKGRG 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 100.
Matches 26, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 100.
Matches 26; Conservative
                                                                                     26; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          , TYPE: PRT
, ORGANISM: Homo sapiens
US-10-485-619-3
                                        Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 5
US-10-291-226A-123
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-09-716-166-13
                                                                                                                                                                                                                                                          US-09-716-166-13
PCT-US04-06082-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 4
US-10-485-619-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQ ID NO 3
LENGTH: 31
                                                                                  Matches
                                                                                                                                 8
                                                                                                                                                                       g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ઠે
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    g
```

Gaps

Gaps

; Seguence 123, Application US/10291226A

us-09-943-084-2.rapn

ġ

```
Sequence 22, Application US/10716326
GENERAL INFORMATION:
APPLICANT: Genzyme Corporation
APPLICANT: Genzyme Corporation
APPLICANT: Armentano, Donna
APPLICANT: Armentano, Donna
APPLICANT: Farsons, Geoffrey
ITILE OF INVENTION: Methods of Treating Diabetes and Other Blood Sugar Disorders
FILE REFERENCE: 5062CIP
CURRENT APPLICATION NUMBER: US/10/716,326
CURRENT APPLICATION NUMBER: US/10/716,326
CURRENT RILING DATE: 2002-08-07
FRIOR APPLICATION NUMBER: US 60/310,982
FRIOR FILING DATE: 2001-08-08
NUMBER OF SEQ ID NOS: 54
SOFTWARE: Patentin version 3.2
SEQ ID NO 22
LENGTH: 31
                                                       APPLICANT: Armedano, Journa A. APPLICANT: Arebrano, Journa A. APPLICANT: Gregory, Richard J. APPLICANT: Gregory, Richard J. APPLICANT: Parsons, Geoffrey J. TITLE OF INVENTION: Methods of Treating Diabetes and Other Blood Sugar Disorders FILE REFERENCE: 5062CIP CURRENT PILING DATE: 2003-11-17 PRIOR APPLICATION NUMBER: US 10/215,272 PRIOR PILING DATE: 2002-08-07 PRIOR PILING DATE: 2010-08-08 PRIOR FILING DATE: 2010-08-08 NUMBER OF SEQ ID NOS: 54 SOFTWARE PRESENT PRIOR PILING DATE: 2011-08-08 NUMBER OF SEQ ID NOS: 54
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Modified GLP-1 molecule; Gly8-GLP-1 (7-37)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 31;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 31;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 100.0%; Score 133; DB 6; Best Local Similarity 100.0%; Pred. No. 2.2e-13; Matches 26; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
100.0%; Score 133;
Best Local Similarity 100.0%; Pred. No. 2
Matches 26; Conservative 0; Mismatche
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 FTSDVSSYLEGOAAKEFIAMLVKGRG 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         6 FTSDVSSYLEGQAAKEFIAWLVKGRG 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 FISDVSSYLEGGAAKEFIAWLVKGRG 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FISDVSSYLEGGAAKEFIAMLVKGRG 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 26, Application US/10716326; GENERAL INFORMATION:
APPLICANT: Genzyme Corporation
PAPLICANT: Wadsworth, Samuel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ) OTHER INFORMATION: GLP-1(7-37)
US-10-716-326-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: PRT
ORGANISM: Artificial Sequence
                      Wadsworth, Samuel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-10-716-326-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 11
US-10-716-326-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-10-716-326-22
                                                                                                                                                                                                                                                                                                                                                                           SEQ ID NO 21
LENGTH: 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             à
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ð
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ద
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 2, Application US/10722733
GENERAL INFORMATION:
APPLICANT: Bridon, Dominique P.
APPLICANT: Bridon, Dominique P.
APPLICANT: Bridon, Dominique P.
APPLICANT: L'Archeveque, Benoit
APPLICANT: Brin, Alan M.
APPLICANT: Leblanc, Anouk
TITLE CP INVENTION: LONG LESTING SYNTHETIC GLUCAGON LIKE PEPTIDB (GLP-1)
FILE REPERBNCE: 50086201611
CURRENT APPLICATION WUMBER: US/10/722,733
FRIOR FILING DATE: 2003-11-25
PRIOR FILING DATE: 2002-11-04
PRIOR FILING DATE: 2002-11-04
PRIOR FILING DATE: 2000-09-07
PRIOR APPLICATION NUMBER: 09/657,332
PRIOR FILING DATE: 2000-09-07
PRIOR FILING DATE: 2000-09-07
PRIOR FILING DATE: 1999-10-15
NUMBER OF SEQ ID NOS: 35
NUMBER OF SEQ ID NOS: 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ò
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gaps
                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: Description of Artificial Sequence: Synthetic CTHER INFORMATION: Peptide US-10-723-099A-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic; OTHER INFORMATION: Peptide
35-10-722-733-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ô
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
100.0%; Score 133; DB 6; Length 31;
Best Local Similarity 100.0%; Pred. No. 2.2e-13;
Matches 26; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 31;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
100.0%; Score 133; DB 6;
Best Local Similarity 100.0%; Pred. No. 2.2e-13;
Matches 26; Conservative 0; Mismatches 0;
CURRENT APPLICATION NUMBER: US/10/723,099A
CURRENT FILING DATE: 2003-11-25
PRIOR APPLICATION NUMBER: 09/67,332
PRIOR FILING DATE: 2000-09-07
PRIOR FILING DATE: 1999-10-15
PRIOR FLING DATE: 1999-10-15
PRIOR FLING DATE: 1999-10-15
PRIOR FLING DATE: 1999-10-15
PRIOR FLING DATE: 1999-05-17
NUMBER OF SEQ ID NOS: 35
SOFTWARE: PATENTIN VET. 2.1
SEQ ID NO 2
LENGTH: 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 FTSDVSSYLEGQAAKEFIAWLVKGRG 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           6 FTSDVSSYLEGQAAKBFIAWLVKGRG 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 FTSDVSSYLEGOAAKEFIAWLVKGRG 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FTSDVSSYLEGGAAKRFIAWLVKGRG 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 9
US-10-716-326-21
Sequence 21, Application US/10716326
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                             ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Genzyme Corporation
                                                                                                                                                                                                                                                                                                                       TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ઠે
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ò
```

Length 31;

```
100.0%; Score 133; DB 6; 100.0%; Pred. No. 2.2e-13;
                                                                                                                                                                                                                                                                                                                                                                                     0; Mismatches
                       CURRENT FILING DATE: 2004-03-29
PRIOR APPLICATION NUMBER: US 60/024,980
PRIOR PILING DATE: 1996-08-30
PRIOR PILING DATE: 1997-08-21
NUMBER OF SEQ ID NOS: 6
SOFTWARE: Patentin version 3.0
SEQ ID NO 1
LENGTH: 31
                                                                                                                                                                                                                                                                                                                                                                                                                                      1 FISDVSSYLEGQAAKEFIAMLVKGRG 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  6 FISDVSSYLEGGAAKEFIAMLVKGRG 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: GLP-1(7-37)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                     Conservative
                                                                                                                                                                                                                                       ; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-811-646-1
                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
Matches 26; Conserval
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 14
US-10-715-976-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-10-715-976-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQ ID NO 21
LENGTH: 31
                                                                                                                                                                                                                                                                                                                                                                                                                                      Š
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ઠે
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                a
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Wadsworth, Samuel
APPLICANT: Madsworth, Samuel
APPLICANT: Madsworth, Samuel
APPLICANT: Maneland. Donna
APPLICANT: Maneland.
APPLICANT: Gregory, Richard J.
APPLICANT: Parsons, Geoffrey
TITLE DE INVENTION: Methods of Treating Diabetes and Other Blood Sugar Disorders
TITLE DEFERENCE: 5062CIP
CURRENT APPLICATION NUMBER: US,10/716,326
CURRENT APPLICATION NUMBER: US,10/715,272
PRIOR APPLICATION NUMBER: US 60/310,982
PRIOR APPLICATION NUMBER: US 60/310,982
PRIOR FILING DATE: 2001-08-08
NUMBER OF SEQ ID NOS: 54
SOFTWARE: Patentin version 3.2
            APPLICANT: Gregory, Richard J.
APPLICANT: Gregory, Richard J.
APPLICANT: Gregory, Richard J.
APPLICANT: Parsons, Geoffrey
TITLE OF INVENTION: Methods of Treating Diabetes and Other Blood Sugar Disorders
FILE REFERENCE: 5062CIP
CURRENT APPLICATION NUMBER: US/10/716,326
CURRENT FILING DATE: 2003-11-7
PRIOR APPLICATION NUMBER: US 10/215,272
PRIOR PLING DATE: 2002-08-07
PRIOR FILING DATE: 2001-08-08
NUMBER OF SEQ ID NOS: 54
SOFTWARE: Patentin version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ö
                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
; CTHER INFORMATION: Modified GLP-1 molecule; Val8-GLP-1 (7-37)
US-10-716-326-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ) OTHER INFORMATION: Modified GLP-1 molecule; Gln9-GLP-1 (7-37) US-10-716-326-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 31;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 31;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
100.0%; Score 133; DB 6;
Best Local Similarity 100.0%; Pred. No. 2.2e-13;
Matches 26; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match

100.0%; Score 133, DB 6;
Best Local Similarity 100.0%; Pred. No. 2.2e-13;
Matches 26; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               6 FTSDVSSYLEGOAAKEFIAWLVKGRG 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 FTSDVSSYLEGOAAKEFIAWLVKGRG 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 27, Application US/10716326 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Artificial Sequence
Armentano, Donna
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 12
US-10-716-326-27
                                                                                                                                                                                                                                                                                                        SEQ ID NO 26
LENGTH: 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ò
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    δ
```

```
APPLICANT: Wengyme Corporation
APPLICANT: Waddworth, Samuel
APPLICANT: Waddworth, Samuel
APPLICANT: Armentano, Donna
TITLE OF INVENTION: Methods of Treating Diabetes and Other Blood Sugar Disorders
TITLE OF INVENTION: Methods of Treating Diabetes and Other Blood Sugar Disorders
FILE REFERENCE: 5121
CURRENT APPLICATION NUMBER: US/10/715,976
CURRENT FILING DATE: 2003-11-17
NUMBER OF SIGN IN NOS: 54
SOFTWARE: Patentin version 3.2
LENGTH: 31
TWOM
Sequence 21, Application US/10715976
GENERAL INFORMATION:
APPLICANT: Generyme Corporation
APPLICANT: Wadsworth, Samuel
APPLICANT: Areation
APPLICANT: Areation
APPLICANT: Areation
APPLICANT: Areation
APPLICANT: Barsons, Geoffrey
TILLE OF INVENTIONS: Methods of Treating Diabetes and Other Blood Sugar Disorders
FILE REFERENCE: 5121
CURRENT APPLICATION NUMBER: US/10/715,976
CURRENT APPLICATION NUMBER: US/10/715,976
CURRENT SILING ADMS: 54
NUMBER OF SEQ ID NOS: 54
SOFTWARE: Patentin version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     .
0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
100.0%; Score 133; DB 6;
Best Local Similarity 100.0%; Pred. No. 2.2e-13;
Matches 26; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 FTSDVSSYLEGQAAKEFIAWLVKGRG 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FISDVSSYLEGGAAKEFIAWLVKGRG 31
```

Sequence 1, Application US/10811646
GENERAL INPORMATION:
APPLICANT: Efendic, Suad
TITLE OF INVENTION: USE OF GLP-1 OR ANALOGS IN TREATMENT OF MYOCARDIAL INFARCTION
FILE REFERENCE: X-10822A

US-10-811-646-1

```
; ORGANISM: Artificial Sequence
; FEARTURE:
; OTHER INFORMATION: Modified GLP-1 molecule; Gly8-GLP-1 (7-37)
US-10-715-976-22
```

ö 0; Gaps Query Match 100.0%; Score 133; DB 6; Length 31; Best Local Similarity 100.0%; Pred. No. 2.2e-13; Matches 26; Conservative 0; Mismatches 0; Indels

1 PTSDVSSYLEGGAAKEFIAWLVKGRG 26 Search completed: July 3, 2004, 00:47:42 Job time: 12.2733 secs qq

ò

```
sequence 15, Appl
Sequence 27, Appl
Sequence 1, Appli
Sequence 1, Appli
Sequence 4, Appli
Sequence 4, Appli
Sequence 47, Appl
Sequence 112, Appl
Sequence 113, Appl
Sequence 113, Appl
Sequence 113, Appli
Sequence 114, Appli
Sequence 24, Appli
Sequence 24, Appli
Sequence 24, Appli
                               Sequence 10,
Sequence 15,
Sequence 27,
Sequence 1, A
                                                                                                                                                                                                                                                                                                                                                                                                                                Seguence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    .
0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: JOHNSON, William T.
APPLICANT: Johnson, William T.
APPLICANT: Yakubu-Madus, Fatima B.
TITLE OF INVENTION: BIOLOGICALLY ACTIVE FRACMENTS OF
TITLE OF INVENTION: BIOLOGICALLY ACTIVE FRACMENTS OF
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lilly and Company/RSM
STREET: Lilly Corporate Center
STREET: Indianapolis
STATE: IN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READBLE PORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM:
PC-DOS/MS-DOS
SOFTWARE: PATCHILIN PC-DOS/MS-DOS
SOFTWARE: PATCHILIN PC-DOS/MS-DOS
SOFTWARE: PATCHIN DATA:
APPLICATION NUMBER: US/08/297,731
FILING DATE:
CLASSIFICATION: 514
ATTONEY/AGENT INPORMATION:
NAME: MACIAK, RONAIG S:
REGISTRATION NUMBER: 35,262
REGISTRATION NUMBER: 35,262
REGISTRATION NUMBER: 35,262
REGISTRATION NUMBER: 31-276-1664
TELEPHONE: 317-276-1664
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
'FWATTH: 28 mmino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 99.2%; Score 127; DB 1; I
Best Local Similarity 100.0%; Pred. No. 5.6e-13;
Matches 25; Conservative 0; Mismatches 0;
US-09-585-181A-4
US-09-209-799D-10
US-09-209-799D-15
US-09-909-799D-27
US-09-975-905-1
US-09-973-809-1
US-09-973-809-1
US-09-303-016-4
US-09-303-016-4
US-09-303-016-4
US-09-614-847-87
US-09-614-847-113
US-09-614-847-113
US-09-614-847-114
US-09-997-792A-8
US-09-997-792A-8
US-09-997-792A-13
US-09-997-792A-13
US-09-997-792A-13
US-09-997-792A-13
US-09-997-792A-13
US-09-997-792A-13
US-09-997-792A-13
US-09-997-792A-13
US-09-997-792A-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; LOCATION: 27..28
OTHER INFORMATION: /note= "C-terminal amide"
05-08-207-731-9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ALIGNMENTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; Sequence 9, Application US/08297731; Patent No. 5574008; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME/KEY: Modified-site
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 28 amino acids
TYPE: amino acid
STRANDEDNESS: single
     MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 1
US-08-297-731-9
  Sequence 6, Appli
Sequence 125, Appli
Sequence 9, Appli
Sequence 10, Appli
Sequence 11, Appli
Sequence 5, Appli
Sequence 5, Appli
Sequence 5, Appli
Sequence 11, Appli
Sequence 11, Appli
Sequence 6, Appli
Sequence 6, Appli
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Appl
Appli
                                                                                                                                                               July 3, 2004, 00:21:27; Search time 13.4037 Seconds [without alignments] 100.142 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 6,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence
Sequence
Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Seguence
Seguence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Seguence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Issued Patents AA:*

(GGDZ_6/ptodata/2/iaa/5A_COMB.pep:*

(GGDZ_6/ptodata/2/iaa/6B_COMB.pep:*

(GGDZ_6/ptodata/2/iaa/6A_COMB.pep:*

(GGDZ_6/ptodata/2/iaa/6B_COMB.pep:*

(GGDZ_6/ptodata/2/iaa/PCTUS_COMB.pep:*

(GGDZ_6/ptodata/2/iaa/PCTUS_COMB.pep:*

(GGDZ_6/ptodata/2/iaa/PCTUS_COMB.pep:*
                       GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-333-415-6

US-09-333-415-6

US-09-303-016-6

US-09-805-507-6

PCT-US99-1073-9

US-08-297-731-11

US-09-302-596-5

US-09-302-596-5

US-09-303-415-5

US-09-303-415-5

US-09-303-415-5

US-09-805-507-5

US-08-805-67-37-11

US-08-95-10793-11

US-08-297-731-12

US-08-297-731-12

US-08-480-6

US-08-297-731-12

US-08-895-10793-11

US-08-895-10793-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-08-297-731-9
US-09-302-596-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-08-472-349-3
US-09-333-415-4
                                                                                                                                                                                                                                                                   US-09-943-084-3
128
1 ?FTSDVSSYLEGQAAKEFIAMLVKGR 26
                                                                                                                                                                                                                                                                                                                                                                                                                                             389414 seqs, 51625971 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SUMMARIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                     protein search, using sw model
                                                                                                                                                                                                                                                                                                                                                                    BLOSUM62
Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            length: 0
length: 2000000000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DB
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query
Match Length
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         \begin{array}{c} \mathbf{Q}, \mathbf{Q},
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 2 E 4 10 0
                                                                                                                                                                                                                                                                   Title:
Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Minimum DB seq
Maximum DB seq
                                                                                                                                                                                                                                                                                                                                                                    Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OM protein -
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Database :
                                                                                                                                                                                                                                                                                                                     Seguence:
                                                                                                                                                                     Run on:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Result
```

Gaps

Gaps

ö

```
Metabolic Intervention with GLP-1 or its Biologically Active Analogues to Improve the Function of the Ischemic and Reperfused Brain
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; OTHER INFORMATION: Description of Artificial Sequence: GLP-1(9-36)(Human) US-09-614-847-125
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 6, Application US/09805507;
Parent No. 6579851
GENERAL INFORMATION:
APPLICANT: COLIDGE, THOMAS R.
APPLICANT: COLIDGE, THOMAS R.
TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLE-1
FILLE REFREENCE: 089187/0395;
CURRENT APPLICATION NUMBER: US/09/805,507
CURRENT PILING DATE: 2001-03-14
FRIOR APPLICATION NUMBER: 09/859,804
FRIOR APPLICATION NUMBER: 09/859,804
FRIOR PILING DATE: 2001-05-18
NUMBER OF SEQ 1D NOS: 13
SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 125, Application US/09614847

Sequence 125, Application US/09614847

Sequence 125, Application US/09614847

Setent No. 652846

GENERAL INFORMATION:

APPLICANT: LAISEN, Blarne Due

APPLICANT: Neve, Soren

TITLE OF INVENTION: NOVEL BEPTIDE AGGNISTS OF GLP-1 ACTIVITY

FILE REFERENCE: 55511(45487)

CURRENT APPLICATION NUMBER: US/09/614,847

CURRENT APPLICATION NUMBER: US 60/143,591

PRIOR APPLICATION NUMBER: US 60/143,591

PRIOR PILING DATE: 153

SOFTWARE PRIARE PRICE PRIOR OF 153

SOFTWARE PRIARE PRICE PRIOR OF 153

SEQ ID NO 125

LENGTH: 28
                                                                                                                                                                                                                                                                                                                                                                                          Query Match 99.2%; Score 127; DB 4; Length 28; Best Local Similarity 100.0%; Pred. No. 5.6e-13; Matches 25; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
99.2%; Score 127; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 5.6e-13;
Matches 25; Conservative 0; Mismatches 0; Indels
TITLE OF INVENTION: Metabolic Intervention
TITLE OF INVENTION: Active Analogues to Imp
TITLE OF INVENTION: Ischemic and Reperfused
PILE REFERENCE: P03660US2
CURRENT APPLICATION NUMBER: US/09/303,016
CURRENT FILING DATE: 1999-04-30
PRIOR APPLICATION NUMBER: 60/103,498
PRIOR PLICATION NUMBER: 1998-10-08
NUMBER OF SED ID NOS: 13
SOFTWARE: PatentIn Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          56
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   4 FISDVSSYLEGGAAKEFIAWLVKGR 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2 FISDVSSYLEGQAAKEFIAWLVKGR 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                4 FTSDVSSYLEGOAAKEFIAWLVKGR 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 5
US-09-614-847-125
                                                                                                                                                                                                                                                                                                                                            US-09-303-016-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 6
US-09-805-507-6
                                                                                                                                                                                                                                               SEQ ID NO 6
LENGIH: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ð
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     셤
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ò
                                                                                                                                                                                                                                                                                                to Improve the Function of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    agnostic Test to Determine Beta-Cell the Presence of the Condition of IGT and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ..
O
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               DB 3; Length 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Indels
                                                                                                                                                                  Sequence 6, Application US/09302596
Patent No. 6284725
GENERAL INFORMATION:
APPLICANT: Coolidge, Thomas R.
APPLICANT: Enlers, Mario R.W.
TITLE OF INVENTION: Metabolic Intervention with GLP-1 to I TITLE OF INVENTION: Ischemic and Reperfused Tissue TITLE OF INVENTION: Ischemic and Reperfused Tissue CURRENT APPLICATION NUMBER: US/09/302,596
CURRENT FILING DATE: 1999-04-30
FRIOR PELING DATE: 1998-10-08
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 6
LENGTH: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: Volsool, Tina
APPLICANT: Vilsool, Tina
ITTLE OF INVENTION: GLP-1 as a Diagnostic Test to
ITTLE OF INVENTION: Type-II Diabetes
ITTLE OF INVENTION: Type-II Diabetes
ITTLE OF INVENTION: Type-II Diabetes
FILE REPRENCE: P03987US0
CURRENT APPLICATION NUMBER: US/09/333,415
CURRENT FILING DATE: 1999-06-15
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 127; DB 3; I
Pred. No. 5.6e-13;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 127; DB 4; I
Pred. No. 5.6e-13;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            99.2%; bred. No. ...
100.0%; Pred. No. ...
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           99.2%; Score 127; DB
Similarity 100.0%; Pred. No. 5.6
25; Conservative 0; Mismatches
                                      4 FTSDVSSYLEGQAAKEFIAWLVKGR 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2 FTSDVSSYLEGOAAKEFIAWLVKGR 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             4 FISDVSYLEGQAAKEFIAWLVKGR 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2 FTSDVSSYLEGQAAKEFIAWLVKGR 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         4 FISDVSSYLEGGAAKEFIAWLVKGR 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 6, Application US/09303016; Patent No. 6429197; GENERAL INFORMATION: APPLICANT: Coolidge, Thomas R.; APPLICANT: Ehlers, Mario R.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 6, Application US/09333415
Patent No. 6344180
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             25; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      , ORGANISM: Homo sapiens
US-09-333-415-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: mammalian
US-09-302-596-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Simi
Matches 25;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-333-415-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 4
US-09-303-016-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE:
SEQ ID NO 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
                                                셤
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ð
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       셤
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       g
     ò
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ò
```

ò

Gaps

```
ò
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   g
                                                                                                                                                ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ö
                                                                                                                                                Gaps
                                             OTHER INFORMATION: Description of Unknown Organism: Truncated form; OTHER INFORMATION: of GLP-1
US-09-805-507-6
                                                                                                                                                ò
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ö
                                                                                                                                                                                                                                                                                                               Query Match 99.2%; Score 127; DB 4; Length 28 Best Local Similarity 100.0%; Pred. No. 5.6e-13; Matches 25; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 99.2%; Score 127; DB 5; Length 28
Best Local Similarity 100.0%; Pred, No. 5.6e-13;
Matches 25; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: Modified-site
LOCATION: 27..28
OTHER INFORMATION: /note= "C-terminal amide"
                                                                                                                                                                           2 FISDVSSYLEGOAAKEFIAWLVKGR 26
                                                                                                                                                                                                         4 FISDVSSYLEGOAAKEFIAWLVKGR 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         4 FTSDVSSYLEGGAAKEFIAMLVKGR 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2 FISDVSSYLEGOAAKBFIAWLVKGR 26
                                                                                                                                                                                                                                                                PCT-US95-10793-9; Sequence 9, Application PC/TUS9510793; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
NAME: Maciak, Ronald S.
REGISTRATION NUMBER: 35,262
REFERENCE/DOCKET NUMBER: X9630
TELECOMMUNICATION INFORMATION:
TELEPHONE: 317-276-1664
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEPAX: 317-277-1917
INFORMATION FOR SEQ ID NO: 9: SEQUENCE CHARACTERISTICS:
LENGTH: 28 amino acids
TYPE: amino acid
STRANDEDNESS: single
TYPE: PRT
ORGANISM: Unknown Organism
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PCT-US95-10793-9
                                 FEATURE:
                                                                                                                                                                                                       셤
                                                                                                                                                                            ઠે
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     8
```

RESULT

```
ö
Sequence 10. Application US/08297731

Fatent No. 5574008

GENERAL INFORMATION:
APPLICANT: Johnson, William T.
APPLICANT: Vakubu-Madus, Fatima E.
TITLE OF INVENTION: GLUCAGON-LIKE INSULINOTROPIC PRPTIDE
TITLE OF INVENTION: GLUCAGON-LIKE INSULINOTROPIC PRPTIDE
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSER: Eli Lilly and Company/RSM
STREFT: Lilly Corporate Center
CITY: Indianapolis
STATE: IN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-08-297-731-11

| Sequence | 11, Application US/08297731 |
| Patent No. 5574008 |
| Patent No. 5574008 |
| Patent No. 5574008 |
| APPLICANT: Johnson, William T. |
| APPLICANT: Vakubu-Madus, Patima E. |
| TILLE OF INVENTION: GLUCAGON-LIKE INSULINOTROPIC PEPTIDE |
| OVERESPONDENCE ADDRESS: | 13 |
| CORRESPONDENCE ADDRESS: | ADDRESSEE | Lilly and Company/RSM |
| STREET: Lilly Corporate Center |
| CITY: Indianapolis |
| CONTY: Indianapo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 29;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Indela
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OPERATING SYSTEM: FC-DOS/FMS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/297,731
FILING DATE:
TLING DATE:
ATTORNEY/AGENT INPORMATION:
NAME: Maciak, Ronald S.
REGISTRATION NUMBER: 35,262
REGISTRATION NUMBER: 35,262
REGISTRATION NUMBER: 35,262
REGISTRATION NUMBER: 31,262
TELEPHONE: 317-276-164
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 46285
COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         99.2%; Score 127; DB 1; 1
100.0%; Pred. No. 5.8e-13;
tive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        56
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    4 FTSDVSSYLEGGAAKEFIAWLVKGR 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ZIP: 46285
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2 FTSDVSSYLEGOAAKEFIAWLVKGR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              99.27
Best Local Similarity 100.7
Matches 25; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-08-297-731-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STATE: I
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STATE: II COUNTRY:
```

ö

```
Sequence 5, Application US/09303016

Sequence 5, Application US/09303016

Patent No. 642197

GENERAL INFORMATION:
TYPER OF INVENTION:
TITLE OF INVENTION:
FILE REFERENCE:
FOR FREERING DATE:
FOR FILING DATE:
SOFTHARRY FILING DATE:
SOFTHARRE:
FOR FILING DATE:
SOFTHARRE:
FOR FILING DATE:
SOFTHARRE:
FOR FILING DATE:
SOFTHARRE:
FOR FILING DATE:
SOFTHARRE:
FACTOR:
TOTAL OF SEQ ID NOS:
TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: COOLIDGE, THOWAS R.
APPLICANT: EHLERS, WARIO
TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
TITLE OF INVENTION: TREATMENT OF ACUTE
CURRENT APPLICATION NUMBER: US/09/805,507
CURRENT PILING DATE: 2001-03-14
PRIOR PILING DATE: 2001-05-18
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 5
LENGTH: 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: Description of Unknown Organism: Truncated form
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      th 99.2%; Score 127; DB 4; Length 29; Similarity 100.0%; Pred, No. 5.8e-13; 25; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
99.2%; Score 127; DB 4; Length 29;
Best Local Similarity 100.0%; Pred. No. 5.8e-13;
Matches 25; Conservative 0; Mismatches 0; Indels
                         CURRENT APPLICATION NUMBER: US/09/333,415; CURRENT FILING DATE: 1999-06-15; NUMBER OF SEQ ID NOS: 13; SOFTWARE: Patentin Ver. 2.0; SEQ ID NO 5; IENCTH: 29; TYPE: PR. 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    4 FTSDVSSYLBGQAAKEFIAMLVKGR 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2 FISDVSSYLEGQAAKEFIAWLVKGR 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2 FTSDVSSYLEGQAAKEFIAWLVKGR 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        4 PTSDVSSYLEGQAAKEFIAWLVKGR 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-805-507-5
; Sequence 5. Application US/09805507
; Patent No. 6579851
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Unknown Organism
P03987US0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Best Local Similarity
FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 12
US-09-303-016-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-303-016-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ਨੇ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Š
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 5. Application US/09302596
Sequence 5. Application US/09302596
Patent No. 6284725
GENERAL INFORMATION:
APPLICANT: Coolidge, Thomas R.
APPLICANT: Coolidge, Thomas R.W.
TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of TITLE OF INVENTION: Insteme and Reperfused Tissue
TITLE OF INVENTION: Insteme and Reperfused Tissue
TITLE OF INVENTION: Insteme to 87.99/302,596
CURRENT PILING DATE: 1999-04-30
CURRENT FILING DATE: 1999-04-30
PRIOR PPLICATION NUMBER: 60/103,498
PRIOR PPLICATION NUMBER: 60/103,498
PRIOR PPLICATION NUMBER: 60/103,498
PRIOR PER DATE: 1998-10-08
NUMBER OF SEQ ID NOS: 13
SOOFWARE: Patentin Ver. 2.0
SEQ ID NO SITUATION DATE: 1998-10-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Holst, Jens J.
APPLICANT: Vilsboll, Tina
TITLE OF INVENTION: GLP-1 as a Diagnostic Test to Determine Beta-Cell
TITLE OF INVENTION: Punction and the Presence of the Condition of IGT and
TITLE OF INVENTION: Type-II Diabetes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Ġ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ó
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Ouery Match 99.2%; Score 127; DB 1; Length 29; Best Local Similarity 100.0%; Pred. No. 5.8e-13; Matches 25; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DB 3; Length 29;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
99.2%; Score 127; DB 3; I.
Best Local Similarity 100.0%; Pred. No. 5.8e-13;
Matches 25; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
NAME/KEY: Modified-site
LOCATION: 28.29
US-08-297-731-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        5 FTSDVSSYLBGQAAKEFIAMLVKGR 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2 FTSDVSSYLEGQAAKEFIAWLVKGR 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  4 FISDVSSYLEGOAAKEFIAWLVKGR 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2 FTSDVSSYLEGGAAKEFIAWLVKGR 26
                                                                            ATTORNEY/AGENT INFORMATION:
NAME: MACIAK, ROHAIG S.
REGISTRATION NUMBER: 35,262
REPERRNCE/DOCKET NUMBER: X9630
TELECOMMUNICATION INFORMATION:
TELEFRHONE: 317-276-1664
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 29 aming acids
APPLICATION NUMBER: US/08/297,731
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; Sequence 5, Application US/09333415; Patent No. 6344180
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: amino acid
STRANDEDNESS: sir
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: mammalian
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-302-596-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-302-596-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-333-415-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 11
```

Š d ò

```
Search completed: July 3, 2004, 00:28:48
Job time: 14.4037 secs
            Lilly Corporate Center
STREET: Lilly
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ठे
                                                                                                                                ö
                                                                                                                              Gaps
                                                                                                                              ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Ö
                                                                                                                                                                                                                                                                                                          Sequence 10, Application PC/TUS9510793

Sequence 10, Application PC/TUS9510793

GENERAL INPORMATION:

APPLICANT: Johnson, William T.

APPLICANT: Johnson, William T.

APPLICANT: Johnson, Milliam T.

STREET: Lilly Comporate Center

CITY: Indianapolis

STATE: IN

COUNTRY: USA
                                                                           Query Match 99.2%; Score 127; DB 4; Length 29; Best Local Similarity 100.0%; Pred. No. 5.8e-13; Matches 25; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 99.2%; Score 127; DB 5; Length 29; Best Local Similarity 100.0%; Pred. No. 5.8e-13; Matches 25; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Johnson, William T.

PAPLICANT: Yakubu-Madus, Fatima E.

TITLE OF INVENTION: BIOLOGICALLY ACTIVE FRAGMENTS OF

TITLE OF INVENTION: GLUCAGON-LIKE INSULINOTROPIC PEPTIDE

TOWBER OF SEQUENCES: 13

CORRESPONDENCE ADDRESS:

ADDRESSEE: Eli Lilly and Company/RSM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ZIP: 46285

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

APPLICATION DATA:

APPLICATION NUMBER: PCT/US95/10793
                                                                                                                                                                                                            4 FTSDVSSYLEGQAAKEFIAWLVKGR 28
                                                                                                                                                                      2 FTSDVSSYLEGGAAKEFIAWLVKGR 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2 FTSDVSSYLEGQAAKEFIAWLVKGR 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    4 FISDVSSYLEGGAAKEFIAWLVKGR 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 15
PCT-US95-10793-11
; Sequence 11, Application PC/TUS9510793
; GENERAL INFORMATION: William T.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
NAME: MACIAC, ROHALD S.
REGISTRATION NUMBER: 35.262
REFERENCE/DOCKET NUMBER: X9630
TELECOMMUNICATION INFORMATION:
TELEPHONE: 317-276-1664
INFORMATION FOR SEQ ID NOT SEQUENCE CHARACTERISTICS:
LENGTH: 29 amino acids
          ; OTHER INFORMATION: of GLP-1
US-09-805-507-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; TOPOLOGY: linear;
; MOLECULE TYPE: peptide
PCT-US95-10793-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: amino acid
STRANDEDNESS: si
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION:
                                                                                                                                                                                                                    셤
                                                                                                                                                                         ò
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            È
```

```
Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                99.2%; Score 127; DB 5; Length 29; 100.0%; Pred, No. 5.8e-13; cive 0; Mismatches 0; Indels
                 ZIP: 46285
COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/10793
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LUCATION: 28.29

OTHER INFORMATION: /note= "C-terminal amide"
PCT-US95-10793-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2 FTSDVSSYLEGOAAKEFIAWLVKGR 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    S FISDVSSYLEGOAAKEFIAMLVKGR 29
                                                                                                                                                                        FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: MACIAK, RORALd S.
REGISTRATION NUMBER: 35,262
REFERENCE/DOCKET NUMBER: X9630
TELECOMMUNICATION INFORMATION:
TELEPAK: 317-277-1917
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 29 amino acids
TYPE: amino acids
TYPE: amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME/KEY: Modified-site
LOCATION: 28..29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 100.
Matches 25; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: amino accessTRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: linear
MOLECULE TYPE: peptide
USA
```

Sequence 5, Appli Sequence 5, Appli Sequence 5, Appli Sequence 4, Appli Sequence 4, Appli Sequence 4, Appli Sequence 4, Appli Sequence 10, Appli Sequence 10, Appli Sequence 15, Appli Sequence 15, Appli Sequence 17, Appli Sequence 17, Appli Sequence 18, Appli Sequence 27, Appli Sequence 27, Appli Sequence 27, Appli Sequence 2, Appli Sequence 1, Appli Sequence 1, Appli Sequence 1, Appli	equence a equence 3 equence 4 equence 4 equence 2 equence 2 equence 6
US-09-953-021B-5 US-10-091-258-5 US-10-055-259-5 US-10-32-839-5 US-09-851-738-4 US-09-851-738-4 US-09-85-90-4 US-09-98-90-4 US-09-98-90-4 US-09-98-90-4 US-09-99-7792-15 US-09-997-792-15 US-09-997-792-15 US-09-997-792-15 US-09-997-792-15 US-09-997-792-15 US-09-997-792-15 US-09-98-524A-19 US-10-393-524A-19	10-629-261 10-345-346 10-348-694 10-345-751 10-322-839 10-629-261
441 441 443 443 443 443 443 443 443 443	4442555555
00000000000000000000000000000000000000	5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	, , , , , , , , , , , , , , , , , , ,
20000000000000000000000000000000000000	1227 1227 1227 1227 1227 1227
11112222222222222222222222222222222222	, w w 4 4 4 4 4 6 8 9 0 1 1 1 1 1 1 1 1

ALIGNMENTS

SIREBI: 235 BASI #AIN SLEEU, 2011 F1001
CITY: New York
CONTRY: U.S.A.
CONTRY: U.S.A.
CONTRY: U.S.A.
CONTRY: U.S.A.
COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
CONTWARE: Pacentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/943,084
FILING DATE: 31-Aug-2001
CLASSIFICATION: CURROWD>
PRIOR APPLICATION: CURROWD>
PRIOR APPLICATION NUMBER: US/08/181,655 GENERAL INFORMATION:
APPLICANT: Xim, Yesook
APPLICANT: Xim, Yesook
General, William J.
Qi, Hong
Gelfand, Robert A.
Geoghegan, Xieran P.
Danley, Dennis E.
TITLE OF INVENTION: Prolonged Delivery of Peptides NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSES: Pfizer Inc
STREET: 235 Bast 42nd Street, 20th Floor

Result

```
TELECOMMUNICATION INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-851-738-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-09-943-084-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQ ID NO 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Š
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ò
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ..
0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IEM PC compatible
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/943,084
FILING DATE: 31-Aug-2001
CLASSIFICATION INTORER: US/08/181,655
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US/08/181,655
FILING DATE: «UNKnown»
ATTORNEY/AGENT INFORMATION:
NAME: Sheyka, Robert F.
REGISTRATION NUMBER: 31,304
REFERENCE/DOCKET NUMBER: PC8391
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 3, Application US/09943084
; Sequence 3, Application US/09943084
; Publication No. US20030050237A1
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
Gelfand, Robert A.
Geoghegan, Kieran F.
Danley, Dennis E.
TITLE OF INVENTION: Prolonged Delivery of Peptides
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
STREET: 235 Bast 42nd Street, 20th Floor
CITY: New York
CITY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 26;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 99.2%; Score 127; DB 10;
Best Local Similarity 100.0%; Pred. No. 1.6e-12;
Matches 25; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MAP POSITION: N/A
UNITS: N/A
SEQUENCE DESCRIPTION: SEQ ID NO: 2:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 FTSDVSSYLEGQAAKEFIAWLVKGR 25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2 FTSDVSSYLEGOAAKBFIAWLVKGR 26
TELEFAX: (212)573-1939
TELEX: N/A
INFORMATION FOR SEQ ID NO: 2:
ERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STATE: New York
COUNTRY: U.S.A.
ZIP: 10.017-575
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                          ORGANISM: N/A
STRAIN: N/A
INDIVIDUAL ISOLATE: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CHROMOSOME/SEGMENT: N/A
                                                                                 LENGIH: 31 amino acids
                                                                                                      TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECLLE TYPE: peptide
HYPOTHETICAL: NO
                                                                                                                                                                                                               ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                         HAPLOTYPE: N/A CELL LINE: N/A IMMEDIATE SOURCE: LIERRARY: N/A CLONE: N/A POSITION IN GENOME:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-943-084-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-09-943-084-2
```

ò ü

```
APPLICANT: Coolidge, Thomas R.
APPLICANT: Coolidge, Thomas R.
APPLICANT: Coolidge, Mario R.W.
TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of TITLE OF INVENTION: Metabolic and Reperfused Tissue
FILE REFERENCE: P03660US1
CURRENT APPLICATION UNMERR: USO/9/851,738
CURRENT FILING DATE: 2001-05-09
PRIOR APPLICATION NUMBER: 09/302,596
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 26;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ch
1 Similarity 100.0%; Pred. No. 1.8e-12;
25; Conservative 0; Miscatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   99.2%; Score 127; DB 10;
100.0%; Pred. No. 1.6e-12;
Live 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE DESCRIPTION: SEQ ID NO: 3:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4 FTSDVSSYLEGGAAKEFIAWLVKGR 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2 FTSDVSSYLEGOAAKBFIAWLVKGR 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2 FISDVSSYLEGGAAKEFIAWLVKGR 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2 FTSDVSSYLEGGAAKBFIAWLVKGR 26
                                                                                                                                                                                                ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: N/A
STRAIN: N/A
INDIVIDUAL ISOLATE: N/A
HAPLOTYPE: N/A
CELL LINE: N/A
IMMEDIATE SOURCE:
                                  TELEX: N/A

INFORMATION FOR ENG ID NO: 3:
LENGTH: 30 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
TELEPHONE: (212)573-1189
TELEPAX: (212)573-1939
                                                                                                                                                                                                                                                                                                                                                                                                    CLONE: N/A
POSITION IN GENOME:
CHROMOSOME/SEGMENT: N/A
MAP POSITION: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 6, Application US/09851738
Patent No. US20020055460Al
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-805-507-6
; Sequence 6, Application US/09805507
; Patent No. US20020098195A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               25; Conservative
                                                                                                                                                                                                                                                                                                                                                                                         LIBRARY: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
Matches 25; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
Matches 25; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         UNITS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
CORGANISM: mammalian
US-09-851-738-6
```

```
ઠ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ő
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 6, Application US/09859804

Sequence 6, Application US/09859804

Patent No. US20020107206A1

GENERAL INFORMATION:

APPLICANT: COLIDEA, HARNO

TITLE OF INVENTION: TREATHENT OF ACUTE CORONARY SYNDROMS WITH GLP-1

FILE REPERENCE: 089187/0395

CURRENT APPLICATION NUMBER: US/09/859,804

CURRENT PILING DATE: 2001-05-18

PRIOR APPLICATION NUMBER: 60/205,239

PRIOR FILING DATE: 2000-05-19

NUMBER OF SEQ ID NOS: 13

SEQ ID NO 6

LENGTH: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gaps
GENERAL INFORMATION:
APPLICANT: COLIDER, THOMAS R.
APPLICANT: COLIDER, MARIO
TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
FILLE REPERENCE: 099187/0395
CURRENT APPLICATION NUMBER: US/09/805,507
CURRENT FILING DATE: 2001-03-14
PRIOR APPLICATION NUMBER: 09/859,804
PRIOR PILING DATE: 2001-05-18
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PATENTIN VET: 2.1
SED ID NO 6
LENGTH, 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-09-982-978-6
US-09-982-978-6
US-09-982-978-6
Sequence 6, Application US/09982978
Patent No. US20020146405A1
GENERAL INFORMATION:
APPLICANT: EGOLIDGE, THOMAS R.
TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
FILLE REPRENCE: 089197/0398
CURRENT APPLICATION NUMBER: US/09/982,978
CURRENT PILLING DATE: 2001-10-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: Description of Unknown Organism: Truncated form OTHER INFORMATION: of GLP-1
                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: Description of Unknown Organism: Truncated form
OTHER INFORMATION: of GLP-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 99.2%; Score 127; DB 9; Length 28; Best Local Similarity 100.0%; Pred. No. 1.8e-12; Matches 25; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Ouery Match 99.2%; Score 127; DB 9; I Best Local Similarity 100.0%; Pred. No. 1.8e-12; Matches 25; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FTSDVSSYLEGQAAKEFIAMLVKGR 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2 FTSDVSSYLEGQAAKEFIAWLVKGR 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             4 FTSDVSSYLEGQAAKEFIAMLVKGR 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2 FISDVSSYLEGOAAKEFIAWLVKGR 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT
ORGANISM: Unknown Organism
                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
ORGANISM: Unknown Organism
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 5
US-09-859-804-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-859-804-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-805-507-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         à
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ద
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ð
```

```
Sequence 6, Application US/09953021B

Sequence 6, Application US/09953021B

Patent No. US20020147131A1

GRAWEAL INFORMATION:
APPLICANT: Coolidge, Thomas L.
APPLICANTON MARION: Reperfused Skeletal Muscle Tissue
FILE OF INVENTION: Reperfused Skeletal Muscle Tissue
FILE OF INVENTION NUMBER: US/09/953,021B
CURRENT APPLICATION NUMBER: 09/312,596

PRIOR FILING DATE: 1999-04-30

NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 6: 12 NOS: 13
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-10-091-258-6

Sequence 6, Application US/10091258

Sequence 6, Application US/10091258

Publication No. US20030073626A1

GENERAL INFORMATION:
APPLICANT: Hathaway, David R

APPLICANT: Hathaway, David R

APPLICANT: GCOlidge, Thomas R

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING PERIPHERAL VASCULAR DISEAS

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING PERIPHERAL VASCULAR DISEAS

CURRENT APPLICATION UNMBER: US/10/091,258

CURRENT FILING DATE: 202-03-05

NUMBER OF SEQ ID NOS: 13

SOFTWARE: Patentin version 3.1

SEQ ID NO 6

LENGTH: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                           ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ö
                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
                                                                                                                                                                                                                                                                                   OTHER INFORMATION: Description of Unknown Organism: Truncated form OTHER INFORMATION: of GLP-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ö
                                                                                                                                                                                                                                                                                                                                                                                                                                           ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 28;
                                                                                                                                                                                                                                                                                                                                                                                            Length 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                           Indels
                                                                                                                                                                                                                                                                                                                                                                                   Query Match 99.2%; Score 127; DB 9; I
Best Local Similarity 100.0%; Pred. No. 1.8e-12;
Matches 25; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  99.2%; Score 127; DB 9; initarity 100.0%; Pred. No. 1.8e-12; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              4 FISDVSSYLEGOAAKEFIAWLVKGR 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              4 FTSDVSSYLEGOAAKEFIAMLVKGR 28
PRIOR APPLICATION NUMBER: 09/859,804
PRIOR TILING DATE: 2001-05-18
PRIOR APPLICATION NUMBER: 60/205,239
PRIOR FILING DATE: 2000-05-19
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 6
LENGTH: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2 FISDVSSYLEGOAAKEFIAWLVKGR
                                                                                                                                                                                                           TYPE: PRT
ORGANISM: Unknown Organism
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-953-021B-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity
Matches 25; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      , OrdANISM: mammalian
US-10-091-258-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-953-021B-6
                                                                                                                                                                                                                                                                                                                                             US-09-982-978-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
ORGANISM:
                                                                                                                                                                                                                                                                FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         d
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ઠે
```

õ q

```
APPLICANT: Coolidge, Thomas R.
APPLICANT: Coolidge, Mario R.W.
APPLICANT: Enlers, Mario R.W.
APPLICANT: Enlers, Mario R.W.
APPLICANT: Enlers, Mario R.W.
TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of TITLE OF INVENTION: December of Reperfused Tissue
FILE REFERENCE: P03660US1
CURRENT FILING DATE: 2001-05-09
PRIOR APPLICATION NUMBER: 09/302,596
NUMBER OF SEO ID NOS: 13
SOFTWARE: PRICETION OF 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               , OTHER INFORMATION: Description of Artificial Sequence: GLP-1(9-36)(Human)
US-10-291-226-125
                       Sequence 125, Application US/10291226

Sublication No. US20040106547A1

GENERAL INFORMATION:

APPLICANT: LATER BJ BJ BD BD BPLICANT: LATER BJ BD BD BPLICANT: AFFLICANT: AFFLICANT: AFFLICANT: NOVEL PEPTIDE AGONISTS OF GLP-1 ACTIVITY FILE REPERENCE: 555145487)

CURRENT APPLICATION NUMBER: US/10/291,226

CURRENT APPLICATION NUMBER: US/10/9/614,847

PRIOR APPLICATION NUMBER: US/09/614,847

PRIOR APPLICATION NUMBER: US/09/614,847

PRIOR PILING DATE: 12000-07-12

PRIOR PILING DATE: 1299-07-13

NUMBER OF SEC ID NOS: 153

SOFTWARE: PATENTIN VET: 2.1

SEQ ID NO 125

LENGTH: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 29;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            99.2%; Score 127; DB 9; I 100.0%; Pred. No. 1.8e-12; iive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
99.2%; Score 127; DB 16;
Best Local Similarity 100.0%; Pred. No. 1.8e-12;
Matches 25; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2 FISDVSSYLEGOAAKEFIAWLVKGR 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    4 FISDVSSYLEGOAAKEFIAWLVKGR 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FTSDVSSYLEGGAAKEFIAWLVKGR 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 5, Application US/09805507
Patent No. US20020098195A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-851-738-5
; Sequence 5, Application US/09851738
; Patent No. US2002055460A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: COOLIDGE, THOMAS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Similarity
25; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
ORGANISM: mammalian
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 13
US-09-805-507-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-09-851-738-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQ ID NO 5
LENGTH: 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Best Local
Matches 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    q
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Pb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              à
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ઠે
                                                                                                                                                                                                                                                Sequence 6. Application US/10055259
Endication No. US20030091507A1
GERBRAL INFORMATION:
GERBRAL INFORMATION:
GERBRAL INFORMATION:
APPLICANT: Vilsboll, Tina
TITLE OF INVENTION: PRESENCE OF THE CONDITION OF IGT AND TYPE-II DIABETES
FILE REFERENCE: P03987USI US/10/055,259
CURRENT FILING DATE: 2002-06-21
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin version 3.1
SEQ ID NO 6
ILENGTH: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Truncated form of GLP-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ö
                                                     ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 6, Application US/1032839;
Dublication No. US20040002454A1
GENERAL INFORMATION:
APPLICANT: Coolide, Mario
APPLICANT: Ellers, Mario
APPLICANT: Ellers, Mario
TITLE OP INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
FILE REPERENCE: P05671US2
CURRENT APPLICATION NUMBER: US/10/322,839
CURRENT APPLICATION NUMBER: US 09/859,804
PRIOR PILING DATE: 2001-05-18
PRIOR PELLING DATE: 2001-05-18
PRIOR PELLING DATE: 2000-05-19
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin Version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gape
                                                     Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ô
                                                     ö
Query Match 99.2%; Score 127; DB 14; Length 28; Best Local Similarity 100.0%; Pred. No. 1.8e-12; Matches 25; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 127; DB 14; Length 25
Pred. No. 1.8e-12;
^. Wismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; FEATURE:
OFFIRE INFORMATION: Description of Unknown Organism:
US-10-322-839-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   99.2%; Score 127; DB 15;
100.0%; Pred. No. 1.8e-12;
iive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 99.2%; Score 127; DB Best Local Similarity 100.0%; Pred. No. 1.8 Matches 25; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2 FISDVSSYLEGGAAKEFIAWLVKGR 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        4 FTSDVSSYLEGQAAKEFIAMLVKGR 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FISOVSSYLEGGAAKEFIAMLVKGR 28
                                                                                                 2 FISDVSSYLEGQAAKEFIAWLVKGR 26
                                                                                                                             4 FISDVSSYLEGOAAKEFIAWLVKGR 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2 FTSDVSSYLEGQAAKBFIAWLVKGR 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         25; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT
CORGANISM: Homo sapiens
US-10-055-259-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
Matches 25; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Unknown
                                                                                                                                                                                                                                              US-10-055-259-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQ ID NO 6
LENGTH: 28
```

g

δ

ó

Gaps

Gaps

ð а

```
ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 5, Application US/09859804
Fatent No. US20020107206A1
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
FILE REFERENCE: 089187/0395
CURRENT APPLICATION NUMBER: US/09/859,804
CURRENT FILING DATE: 2001-05-18
PRIOR PRILING DATE: 2000-05-19
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 5:
LENGTH: 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 5, Application US/09982978

Patent No. US20020146405A1

GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1

FILE REFERENCE: 08918/70395

CURRENT APPLICATION NUMBER: US/09/982,978

CURRENT APPLICATION NUMBER: 08/09/982,978

PRIOR APPLICATION NUMBER: 08/09/982,978

PRIOR PILING DATE: 2001-10-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PERATURE:
OTHER INFORMATION: Description of Unknown Organism: Truncated form
OTHER INFORMATION: of GLP-1
APPLICANT: EHLERS, MARIO
TITLE OF INVENTION: TREAFMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
FILLE REPERENCE: 089187/0395
CURRENT APPLICATION NUMBER: US/09/805,507
CURRENT PILING DATE: 2001-03-14
PRIOR APPLICATION NUMBER: 09/859,804
PRIOR FILING DATE: 2001-05-18
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 5
LENGTH: 29
                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: Description of Unknown Organism: Truncated form; OTHER INFORMATION: of GLP-1
US-09-805-507-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 99.2%; Score 127; DB 9; Length 29; Best Local Similarity 100.0%; Pred. No. 1.8e-12; Matches 25; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 29;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Ö
                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 99.2%; Score 127; DB 9; Best Local Similarity 100.0%; Pred. No. 1.8e-12; Matches 25; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     4 FTSDVSSYLEGQAAKEFIAWLVKGR 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2 FTSDVSSYLEGQAAKEFIAWLVKGR 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FISDVSSYLEGQAAKEFIAWLVKGR 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2 FISDVSSYLEGOAAKEFIAMLVKGR 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT
ORGANISM: Unknown Organism
                                                                                                                                                                                                                                                                        TYPE: PRT
ORGANISM: Unknown Organism
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 15
US-09-982-978-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-09-859-804-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                -09-859-804-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Š
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ઠે
```

```
PRIOR APPLICATION NUMBER: 60/205,239

PRIOR FILING DATE: 2000-05-19

NUMBER OF SEQ ID NOS: 13

SOFTWARE: Patentin Ver. 2.1

ELENGTH: 29

TYPE: PRI
ORGANISM: Unknown Organism
FRATURE:
OTHER INFORMATION: Description of Unknown Organism: Truncated form
OTHER INFORMATION: of GLP-1

US-09-982-978-5

OUNEY MAICH
Best Local Similarity 100.0%; Pred. NO. 1.8e-12;
MATCHES 25; COABSTARETANLVKGR 26

PARSONSYLEGQAAKEFIANLVKGR 26

Db 4 FTSDVSSYLEGQAAKEFIANLVKGR 28
```

3, 2004, 00:51:49

Search completed: July Job time: 37.6273 secs

Appli Appli Appli Appli Appli Appli Appli Appli

Scoring table:

Searched:

Database

Perfect score:

Sequence:

ı

protein

ĕ

Run on:

```
Sequence 125, Applisequence 6, Applisequence 77, Applisequence 118, Applisequence 5, Applis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 4, Appli
Sequence 1, Appli
Sequence 3, Appli
Sequence 2, Appli
Sequence 2, Appli
Sequence 698, App
Sequence 698, App
Sequence 1, Appli
Sequence 1, Appli
Sequence 4, Appli
Sequence 4, Appli
Sequence 14, Appli
Sequence 18, Appli
Sequence 18, Appli
Sequence 18, Appli
Sequence 18, Appli
                                                                                            Sequence Seq
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence
Sequence
                                                                   Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Geoghegan, Kieran F.

Danley, Dennis E.

TITLE OF INVENTION: Prolonged Delivery of Peptides
NUMBER OF SEQUENCES: 7

CORRESPONDENCE ADDRESS:
ADDRESSER: Pfizer Inc
STREET: 215 East 42nd Street, 20th Floor
CITY: New York
CUNTRY: U.S.A.
ZIR: New York
COUNTRY: U.S.A.
ZIR: 10017-5755
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC COMPASSIBLE
COMPASSIBLE FORM:
4 US-09-943-084-2
US-09-943-084-3
US-09-943-084-3
US-09-943-084-3
US-09-943-084-3
US-09-943-084-3
US-09-943-084-3
US-09-811-738-6
US-09-953-021-6
US-09-953-021-5
US-09-953-031-5
US-09-953-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ALIGNMENTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Lambert, William J.
Qi, Hong
Gelfand, Robert A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 2, Application US/09943084; GENERAL INFORMATION:
APPLICANT: Kim, Yesook
      RESULT 1
US-09-943-084-2
      July 3, 2004, 00:22:02; Search time 166.658 Seconds (without alignments) 152.272 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Description
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Pending Patents AA Main:*

(GGDZ_6/ptodata/2/paa/PCTUS_COMB.pep:*
(GGDZ_6/ptodata/2/paa/USO8_COMB.pep:*
(GGDZ_6/ptodata/2/paa/USO8_COMB.pep:*
(GGDZ_6/ptodata/2/paa/USO8_COMB.pep:*
(GGDZ_6/ptodata/2/paa/USO8_COMB.pep:*
(GGDZ_6/ptodata/2/paa/USO83_COMB.pep:*
(GGDZ_6/ptodata/2/paa/USO83_COMB.pep:*
(GGDZ_6/ptodata/2/paa/USO84_COMB.pep:*
(GGDZ_6/ptodata/2/paa/USO94_COMB.pep:*
(GGDZ_6/ptodata/2/paa/USO94_COMB.pep:*
(GGDZ_6/ptodata/2/paa/USO94_COMB.pep:*
(GGDZ_6/ptodata/2/paa/USO94_COMB.pep:*
(GGDZ_6/ptodata/2/paa/USO98_COMB.pep:*
                                         GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        6019581 seqs, 976053577 residues
                                                                                                                                                                                                                                                                                                                                                                     128
1 ?FTSDVSSYLEGQAAKEFIAMLVKGR 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SUMMARIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                         protein search, using sw model
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Minimum DB seq length: 0
Maximum DB seq length: 2000000000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Pending Patents: /cgn2_6/ptoda
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query
Match Length DB
                                                                                                                                                                                                                                                                                                                                         US-09-943-084-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                            BLOSUM62
```

Score

Result No.

```
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/943,084
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              99.2%; Score 127; DB 24;
100.0%; Pred. No. 5.8e-12;
. Mismatches 0;
                                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/181,655
FILING DATB: «Unchrown PILING DATB: «Unchrown PILING DATB: "Unchrown NAME: Sheyka, Robert F. REGISTRATION NUMBER: 31,304
TELEPRICE/DOCKET NUMBER: PC8391
TELEPHONE: (212)573-1189
TELEPRICE; (212)573-1939
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          100.0%; Prec. ... o; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE DESCRIPTION: SEQ ID NO: 3:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              2 FTSDVSSYLEGGAAKEFIAMLVKGR 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PTSDVSSYLEGGAAKBFIAWLVKGR 26
                                                                              FILING DATE: 31-Aug-2001
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STRAIN: N/A
INDIVIDUAL ISOLATE: N/A
HAPLOTYPE: N/A
CELL LINE: N/A
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CHROMOSOME/SEGMENT: N/A MAP POSITION: N/A
                                                                                                                                                                                                                                                                                                                          TELEX: N/A
INFORMATION FOR SEQ ID NO: 3:
LENGTH: 30 amino acids
                                                                                                                                                                                                                                                                                                                                                                                   TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
WOLECTUL TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRACKENT TYPE: No reminal
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 100.
Matches 25; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      25; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLONE: N/A
POSITION IN GENOME:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LIBRARY: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
Matches 25; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
ORGANISM: mammalian
PCT-US02-13088-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-943-084-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     d
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Š
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
99.2%; Score 127; DB 24; Length 26;
Best Local Similarity 100.0%; Pred. No. 5.8e-12;
Matches 25; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Kim, Yesook
APPLICANT: Kim, Yesook
Lambert, William J.
(Qi, Hong
Gelfand, Robert A.
Geoghegan, Kieran F.
Danley, Demnis E.
TITLE OF INVENTION: Perlonged Delivery of Peptides
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pfizer Inc
STREET: 235 East 42nd Street, 20th Floor
      SOFTWARE: Patentin Release #1.0, Version #1.25
                   CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/943,084
FILING DATE: 31-Aug-2001
CLASSIFICATION: «Unknown»
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/181,655
PILING DATE: «Unknown»
ATTORNEY/AGENT INFORMATION:
NAME: Sheyka, Robert F.
REGISTRATION NUMBER: 31,304
REGISTRATION NUMBER: PC8391
TELECOMMUNICATION:
INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE DESCRIPTION: SEQ ID NO: 2:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 FTSDVSSYLEGQAAKEFIAWLVKGR 25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FISDVSSYLEGQAAKEFIAWLVKGR 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STATE: New York
COUNTRY: U.S.A.
ZIP: 10017-5755
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                  TELEPHONE: (212)573-1189
TELEFAX: (212)573-1939
TELEX: N/A
INFORMATION FOR SEQ ID NO: 2:
ERISTICS:
LENGTH: 31 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ANTI-SENSE: NO
FRACMENT TYPE: N-terminal
ORGANISM: N/A
STRAIN: N/A
INDIVIDUAL ISCLATE: N/A
HAPLOTYPE: N/A
IMMEDIATE SOURCE:
LIBRARY: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 3, Application US/09943084 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                       TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MAP POSITION: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLONE: N/A
POSITION IN GENOME:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     UNITS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-943-084-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ઠે
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         셤
```

ö

Indels

Length 26;

```
PCT-USO2-13088-6
Sequence 6, Application PC/TUS0213088
Sequence 6, Application PC/TUS0213088
GENERAL INFORMATION:
APPLICANT: Restoragen, Inc.
TITLE OF INVENTION: RESISTANCE
TITLE OF INVENTION: RESISTANCE
TITLE OF INVENTION: RESISTANCE
CURRENT APPLICATION NUMBER: PCT/US02/13088
CURRENT FILING DATE: 2002-04-24
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PATENTIN VERSION 3.1
SEQ ID NO 6
                                                                                                                                                                                                                                                                                                                                                                                                                                         ö
                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                         ö
                                                                                                                                                                                                                                                                                                                                                                                           Length 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                         Indels
                                                                                                                                                                                                                                                                                                                                                                                           99.2%; Score 127; DB 1; I
100.0%; Pred. No. 6.3e-12;
iive 0; Mismatches 0;
```

ò

```
APPLICANT: Coolidge, Thomas R.

APPLICANT: Bhiers, Mario R.W.
TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of TITLE OF INVENTION: Schemic and Reperfused Tissue FINE REFREENCE: P03660US1
CURRENT APPLICATION NUMBER: US/09/851,738
CURRENT FILING DATE: 2001-05-09
PRIOR APPLICATION NUMBER: 09/302,596
PRIOR APPLICATION NUMBER: 09/302,596
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 6
LENTER: APPLICATION OF 5
LENTER: APPLIC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 õ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-809-804-6

| Sequence 6, Application US/09859804
| Sequence 6, Application US/09859804
| Sequence 6, Application US/09859804
| GENERAL INFORMATION:
| APPLICANT: COOLIDGE, THOMAS R.
| APPLICANT: EHLERS, MARIO
| TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
| FILE REFERENCE: 089187/0395
| CURRENT PELING DATE: 2001-05-18
| PRIOR APPLICATION NUMBER: 60/205,239
| PRIOR APPLICATION NUMBER: 60/205,239
| PRIOR PILING DATE: 2001-05-19
| SOFTWARE: PATENTE OF SEQ ID NOS: 13
| SOFTWARE: PATENTE OF SEQ ID NOS: 13
| SEQ ID NO 6
| LENGTH: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 6, Application US/09953021
GRNEAL INFORMATION:
APPLICANT: Coolidge, Thomas R.
APPLICANT: Coolidge, Thomas R.
APPLICANT: Coolidge, Mario R.W.
TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the TITLE OF INVENTION: Function of Reperfused Tissue TITLE OF INVENTION: Isonemic and Reperfused Tissue TITLE OF INVENTION: Isonemic and Reperfused Tissue CURRENT APPLICATION NUMBER: US/09/953,021
CURRENT PILING DATE: 2001-09-11
CURRENT PILING DATE: 1999-04-30
NUMBER OF SEQ ID NOS: 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; OTHER INFORMATION: Description of Unknown Organism: Truncated form; OTHER INFORMATION: of GLP-1
US-09-859-804-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ő
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ..
0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DB 23; Length 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 28,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 99.2%; Score 127; DB 23;
Best Local Similarity 100.0%; Pred. No. 6.3e-12;
Matches 25; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         6.3e-12;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
99.2%; Score 127; DE
Best Local Similarity 100.0%; Pred. No. 6.3
Matches 25; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2 FISDVSSYLEGOAAKEFIAWLVKGR 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     4 FTSDVSSYLEGGAAKEFIAWLVKGR 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2 FISDVSSYLEGQAAKEFIAWLVKGR 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              4 FTSDVSSYLEGOAAKEFIAWLVKGR 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Unknown Organism
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT
ORGANISM: mammalian
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-851-738-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 8
US-09-953-021-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ò
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 셤
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  쉽
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ð
                                                                                                                                                                                                                                                                                                                                                   Sequence Application US/09646433

Sequence Application US/09646433

GENERAL INFORMATION:
APPLICANT: Golde, Burkhard
APPLICANT: HUMAN APPRIITE CONTROL BY GLUCAGON-LIKE PEPTIDE RECEPTOR BINDING
FILE REPERENCE: P03993US1
CURRENT FILING DATE: 2002-10-15
PRIOR APPLICATION NUMBER: US 60/189,091
PRIOR APPLICATION NUMBER: US 60/189,091
PRIOR APPLICATION NUMBER: PCT/US99/05571
PRIOR APPLICATION NUMBER: PCT/US99/05571
PRIOR APPLICATION NUMBER: PCT/US99/05571
PRIOR SEQ ID NOS: 13
SEQ ID NO 6
LENGTH: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence Application US/09719410

GENERAL INFORMATION:
APPLICANT: Goke, Burkhard
APPLICANT: Goke, Burkhard
APPLICANT: Goke, Maria
APPLICANT: Goke, Maria
APPLICANT: British Maria
APPLICANT: British Maria
APPLICANT: British Maria
TITLE OF INVENTION: Impaired Glucose Tolerance
TITLE OF INVENTION: Impaired Glucose Tolerance
FILE REFERENCE: P03986052
CURRENT APPLICATION NUMBER: US/09/719,410
CURRENT APPLICATION NUMBER: P070-12-12
PRIOR FILING DATE: 1999-05-07
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; OTHER INFORMATION: Description of Unknown Organism: Truncated form of GLP-1
US-09-646-433-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ó
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  DB 21; Length 28;
6.3e-12;
hes 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
99.2%; Score 127; DB 20;
Best Local Similarity 100.0%; Pred. No. 6.3e-12;
Matches 25; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
99.2%; Score 127; DB
Best Local Similarity 100.0%; Pred. No. 6.3
Matches 25; Conservative 0; Mismatches
                                                                                                                         56
                                                                                                                                                                                                   28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2 FYSDVSSYLEGOAAKEFIAWLVKGR 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        4 FTSDVSSTLEGQAAKEFIAWLVKGR 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2 FISDVSSYLEGQAAKEFIAWLVKGR 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4 FISDVSSYLEGOAKEFIAWLVKGR 28
                                                                                                                                                                    4 FISDVSSYLEGGAAKEFIAWLVKGR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Application US/09851738
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
ORGANISM: mammalian
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 6, Application GENERAL INFORMATION
                                                                                                                                                                                                                                                                                                     RESULT 4
US-09-646-433-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-09-719-410-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-09-719-410-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 6
US-09-851-738-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
                                                                                                                                                                                           g
```

ਨੇ g ઠે ద

Gaps

ö

Indels

6

```
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             l Similarity 100.0%; Pred. No. 6.3
25; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2 FISDVSSYLEGOAAKEFIAWLVKGR 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        4 FISDVSSYLEGOAAKEFIAWLVKGR 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2 FTSDVSSYLEGQAAKEPIAWLVKGR 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FISDVSSYLEGQAAKEFIAMLVKGR 28
                                                                                                                    4 FTSDVSSYLEGQAAKBFIAWLVKGR
                                                                            2 PTSDVSSYLEGQAAKEFIAWLVKGR
       25; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: PRT
ORGANISM: Homo sapiens
US-10-055-259-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT
ORGANISM: mammalian
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-10-291-226-125
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-10-091-258-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Matches
       Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    g
                                                                                                                                  9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ò
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  셤
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          8
                                                                            δ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           to Improve the Function of Isch
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ô
                                                                                                                                                                                                                                                                                                                 ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SECTION OF 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
                                                                                                                                                                                                                                                                                                                 Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: Description of Unknown Organism: Truncated form // OTHER INFORMATION: of GLP-1
US-09-982-978-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ..
0
                                                                                                                                                                                                                                                                                                                 ö
                                                                                                                                                                                                                                            DB 25; Length 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 99.2%; Score 127; DB 25; Length 2 Best Local Similarity 100.0%; Pred. No. 6.3e-12; Matches 25; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                             Indels.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gequence 6. Application US/09953021B
GENERAL INFORMATION:
APPLICANT: Coolidge, Thomas L.
TITLE OF INVENTION: Metabolic Intervention with GLP-1 to I.
TITLE OF INVENTION: Reperfused Skeletal Muscle Tissue
TITLE REPERBACE: P03660U36
CURRENT APPLICATION NUMBER: US/09/953,021B
CURRENT APPLICATION NUMBER: 09/302,596
PRIOR PILING DATE: 1999-04-30
NUMBER OF SEQ ID NOS: 13
SOFTWARE PATENTING PATE: 1999-04-30
SEQ ID NO 6
LENGTH: 28
                                                                                                                                                                                                                                        Score 127; DB 25;
Pred. No. 6.3e-12;
                                                                                                                                                                                                                                        Query Match 99.2%; Score 127; DB Best Local Similarity 100.0%; Pred. No. 6.3 Matches 25; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                              4 FISDVSSYLEGQAAKEFIAWLVKGR 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2 FISDVSSYLEGOAAKEFIAWLVKGR 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        4 FTSDVSSYLEGQAAKEFIAWLVKGR 28
                                                                                                                                                                                                                                                                                                                                                                                   2 FISDVSSYLEGQAAKEFIAWLVKGR 26
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 6
LENGTH: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: PRT
ORGANISM: Unknown Organism
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; ORGANISM: Homo sapiens
US-09-953-021B-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
                                                                                                     TYPE: PRT
CRGANISM: mammalian
US-09-953-021-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-953-021B-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-09-982-978-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ద
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ठे
                                                                                                                                                                                                                                                                                                                                                                                   ઠે
                                                                                                                                                                                                                                                                                                                                                                                                                                                셤
```

99.2%; Score 127; DB 25; 100.0%; Pred. No. 6.3e-12;

```
RESULT 12
US-10-091-258-6
US-10-091-258-6
US-10-091-258-6
GENERAL INPORMATION:
GENERAL INPORMATION:
APPLICANT: Coolidge, Thomas R
TITLE OF INVENTION: COMPOSE TOWN SAID
FILE REPERENCE: RGN-2
CURRENT APPLICATION UNMER: US/10/091,258
CURRENT PILING DATE: 2002-03-05
NUMBER OF SEQ ID NOS: 13
SOFTMARR: Patentin version 3.1
SEQ ID NO 6
LENGTH: 28
US-10-055-259-6

SEQUENCE 6, APPLICATION

SEQUENCE 1. APPLICANT: HOLST, Jens J.

APPLICANT: HOLST, Jens J.

APPLICANT: VISEOLIL, TINS

TITLE OF INVENTION: GRAND THE CONDITION OF IGT AND TYPE-II DIABETES

TITLE OF INVENTION: PRESENCE OF THE CONDITION OF IGT AND TYPE-II DIABETES

TITLE REPRESENCE: POJS97USI

CURRENT PLIING DATE: 2002-06-21

NUMBER OF SEQ ID NOS: 13

SOFTWARE: PATENTIN VETSION 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ô
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 125, Application US/10291226
GENERAL INFORMATION:
APPLICANT: Larsen, Bjarne Due
APPLICANT: Mikkelsen, Jens Mollgaard
APPLICANT: Neve, Soren
TITLE OF INVENTION: NOVEL PEPTIDE AGONISTS OF GLP-1 ACTIVITY
FILE REFERENCE: 55511 (45487)
CURRENT APPLICATION NUMBER: US/10/291,226
CURRENT FILLING DATE: 2002-11-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
99.2%; Score 127; DB 26;
Best Local Similarity 100.0%; Pred. No. 6.3e-12;
Matches 25; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            99.2%; Score 127; DB 26; 100.0%; Pred. No. 6.3e-12;
```

```
PCT-US02-13088-5
                                                                                                                                                  Š
                                                                                                                                                                                         셤
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CT-UG02-13088-5
Sequence 5, Application PC/TUS0213088
GENERAL INFORMATION:
APPLICANT: Restoragen, Inc.
TITLE OF INVENTION: RESISTANCE
TITLE OF INVENTION: RESISTANCE
TITLE OF INVENTION: RESISTANCE
CURRENT APPLICATION NUMBER: PCT/US02/13088
CURRENT PILING DATE: 2002-04-24
CURRENT PILING DATE: 2002-04-24
SCOTTAND STEEN OF SEQ ID NOS: 13
SOFTWARE: Patentin version 3.1
SEQ ID NO 5
LENGTH: 29
LENGTH: 29
TYPE: PRT
ORGANISM: mammalian
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; OTHER INFORMATION: Description of Unknown Organism: Truncated form of GLP-1
US-10-322-839-6
                                                                                                                                                                                                                                                                                                                                                                              ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ö
                                                                                                                                                                                                                                                        , OTHER INFORMATION: Description of Artificial Sequence: GLP-1(9-36)(Human) US-10-291-226-125
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 6, Application US/10322839;
GENERAL INFORMATION:
APPLICANT: Coolidge, Thomas R.
APPLICANT: Balers, Mario
ITILE OF INVENTION: TRAINGENT US/10/322,839
CURRENT APPLICATION NUMBER: US/10/322,839
CURRENT APPLICATION NUMBER: US/10/322,839
PRIOR FILING DATE: 2001-05-18
PRIOR FILING DATE: 2001-05-18
PRIOR FILING DATE: 2001-05-18
PRIOR FILING DATE: 2000-05-13
SOFTWARE: PAPLICATION NUMBER: US 60/205,239
PRIOR FILING DATE: 2000-05-13
SOFTWARE: PAPLICATION NUMBER: US 60/205,239
FRIOR FILING DATE: 2000-05-13
SOFTWARE: PATENTIN VERSION 3.1
SEQ ID NO 6
LENGTH: 28
                                                                                                                                                                                                                                                                                                                                                                              Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
                                                                                                                                                                                                                                                                                                                                                                              .
0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 DB 29; Length 28;
6.3e-12;
hes 0; Indels
                                                                                                                                                                                                                                                                                                                                  Length 28;
                                                                                                                                                                                                                                                                                                                                                                           Indels
                                                                                                                                                                                                                                                                                                                          Query Match

99.2%; Score 127; DB 28;
Best Local Similarity 100.0%; Pred. No. 6.3e-12;
Matches 25; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 99.2%; Score 127; DE Best Local Similarity 100.0%; Pred. No. 6.3 Matches 25; Conservative 0; Mismatches
PRIOR APPLICATION NUMBER: US/09/614,847
PRIOR FILING DATE: 12000-07-12
PRIOR APPLICATION NUMBER: US 60/143,591
PRIOR PLING DATE: 1999-07-13
NUMBER OF SEQ ID NOS: 153
SSETUMAR: PATENTIN VET: 2.1
SEQ ID NO: 125
LENGTH: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                               4 FTSDVSSYLEGGAAKEFIAMLVKGR 28
                                                                                                                                                                                                                                                                                                                                                                                                                     2 FTSDVSSYLEGQAAKEFIAWLVKGR 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              2 FISDVSSYLEGOAAKEFIAWLVKGR 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         4 FTSDVSSYLEGGAAKEFIAWLVKGR 28
                                                                                                                                                                                                        ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT
ORGANISM: Unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 14
US-10-322-839-6
                                                                                                                                                                                                                                       FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                     ઠે
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 а
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ठे
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     g
```

```
Cuery Match

Query Match

Query Match

Best Local Similarity 100.0%; Pred. No. 6.6e-12;

Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2 PTSDVSXLEGQAAKETAMLVKGR 26
```

Search completed: July 3, 2004, 00:46:13 Job time : 166.658 sece

```
ð
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 778, App
Sequence 90, Appl
Sequence 1, Appl
Sequence 1, Appl
Sequence 1, Appl
Sequence 1, Appl
Sequence 3, Appl
Sequence 3, Appl
Sequence 112, Appl
Sequence 113, Appl
Sequence 113, Appl
Sequence 113, Appl
Sequence 113, Appl
Sequence 114, Appl
Sequence 114, Appl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 1803, Ap
Sequence 1, Appli
Sequence 4, Appli
Sequence 25, Appli
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 125, App
Sequence 774, App
                                                                               July 3, 2004, 00:25:27; Search time 12.2733 Seconds (without alignments) 105.442 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 775,
Sequence 778,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Description
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence
Sequence
Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence
                                                                                                                                                                                                                                                                                                                                                                                       Pending Patents AA New:*

1: /cgn2 6/ptodata/2/paa/PCT NEW COMB.pep:*

2: /cgn2 6/ptodata/2/paa/USO6_NEW COMB.pep:*

4: /cgn2 6/ptodata/2/paa/USO7 NEW COMB.pep:*

4: /cgn2 6/ptodata/2/paa/USO8_NEW COMB.pep:*

5: /cgn2 6/ptodata/2/paa/USO8_NEW COMB.pep:*

6: /cgn2 6/ptodata/2/paa/USO8_NEW COMB.pep:*

7: /cgn2 6/ptodata/2/paa/USO6_NEW COMB.pep:*

7: /cgn2 6/ptodata/2/paa/USO6_NEW COMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-10-291-226A-125
PCT-US04-04421-774
PCT-US04-04421-775
PCT-US04-04421-775
PCT-US04-06462-90
US-US-US-06662-90
US-US-09-716-166-14
US-US-10-485-140-1
US-10-485-140-1
US-10-291-226A-112
US-10-291-226A-113
US-10-291-226A-113
US-10-291-226A-113
US-10-291-226A-113
US-10-291-226A-113
US-10-291-226A-113
US-10-291-226A-113
US-10-291-226A-113
US-10-75-180-698
                                                                                                                                                                                                                                                              Total number of hits satisfying chosen parameters:
                                                                                                                                     US-09-943-084-3
128
1 ?PTSDVSSYLEGQAAKEFIAWLVKGR 26
                                                                                                                                                                                                                                      327902 segs, 49773865 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SUMMARIES
                                                                                                                                                                                                                                                                                                                                  Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                      OM protein - protein search, using sw model
                                                                                                                                                                                                          Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                          Minimum DB seq length: 0
Maximum DB seq length: 2000000000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       DB
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query
Match Length
                                                                                                                                                                                              BLOSUM62
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score
                                                                                                                                                     Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                             Database :
                                                                                                                                                                     Sequence:
                                                                                                                                                                                                                                      Searched:
                                                                                  Run on:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Result
No.
```

Sequence 91, Appl Sequence 94, Appl Sequence 94, Appl Sequence 1, Appl Sequence 1, Appl Sequence 11, Appl Sequence 111, App Sequence 124, Appl Sequence 2, Appli Sequence 2, Appli Sequence 17, Appl Sequence 17, Appl Sequence 2, Appli Sequence 27, Appli Sequence 28, Appli Sequence	12892
PCT-US04-06462-91 PCT-US04-06462-92 PCT-US04-06462-94 PCT-US04-06082-1 US-10-485-140-8 US-10-485-140-8 US-10-291-226A-123 US-10-291-226A-123 US-10-291-226A-124 US-10-291-226A-124 US-10-291-226A-124 US-10-291-226A-124 US-10-723-099A-7 US-10-723-099A-7 US-10-723-099A-7 US-10-723-099A-7	US-10-723-099A-29 US-10-728-099A-30 US-10-722-733-2 US-10-722-733-17 ALIGNWENTS
	31 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	0,000 0,000 0,000
127 127 127 127 127 127 127 127 127 127	127 127 127 127
4 4 4 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	4 4 4 4 ሪ 6 4 ሺ

US-10-291-226A-125 ; Sequence 125, Application US/10291226A ; Gequence 125, Application US/10291226A ; GENERAL INFORMATION: ; APPLICANT: LASSEM, Bjarne Due ; APPLICANT: Mikkelsen, Jens Mollgaard ; APPLICANT: Mikkelsen, Jens Mollgaard ; TITLE OF INVENTION: NOVEL PEPTIDE AGONISTS OF GLP-1 ACTIVITY ; FILE REPERRORE: 55511(45487) ; CURRENT APPLICATION NUMBER: US/10/291,226A ; CURRENT FILING DATE: 2002-11-08 ; PRIOR PEPLICATION NUMBER: US 60/143,591 ; PRIOR PELING DATE: 1999-07-13 ; NUMBER OF SEQ ID NOS: 153 ; SEQ ID NO 125 ; ERWSTH: 28

TYPE: PRT ORGANISM: Artificial Sequence

), OTHER INFORMATION: Description of Artificial Sequence: GLP-1(9-36)(Human) US-10-291-226A-125

Gaps ö Query Match 99.2%; Score 127; DB 6; Length 28; Best Local Similarity 100.0%; Pred. No. 1.1e-12; Matches 25; Conservative 0; Mismatches 0; Indels

ö

```
PCT-US04-04421-774

Sequence 774, Application PC/TUS0404421

Sequence 774, Application PC/TUS0404421

GENERAL INFORMATION:

APPLICANT: SCIENTIFIQUES, S.A.S

APPLICANT: SCIENTIFIQUES, S.A.S

APPLICANT: SCIENTIFIQUES, S.A.S

TITLE OF INVENTION: ANALOGUES OF GLP-1

FILE REFERENCE: 129P-PCT2

CURRENT APPLICATION NUMBER: PCT/US04/04421

CURRENT PILING DATE: 2004-02-17

NUMBER OF SEQ ID NOS: 781

PRIOR PILING DATE: 2004-02-19

SOFTWARE: PALCATION NUMBER: 60/449, 203

PRIOR FILING DATE: 2003-02-19

SOFTWARE: PALCATION TOWERD: 3.2

SEQ ID NO 774

LENGTH: 30
g
```

```
ô
                                                                                                                                                                                                                                                                                                                                                                                                    ö
                                                 FRATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic modified
OTHER INFORMATION: hGLP-1 peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Sequence 2, Application PC/TUS0406082
| GENERAL INFORMATION:
| GENERAL INFORMATION:
| APPLICANT: Bil Lilly and Company | TITLE OF INVENTION: Polyethylene Glycol Linked GLP-1 Compounds:
| TITLE OF INVENTION: NUMBER: PCT/US04/06082
| CURRENT PILING NUMBER: PCT/US04/06082
| CURRENT PILING DATE: 2004-03-23
| NUMBER OF SEQ ID NOS: 10
| SEPTWARE: Patentin version 3.2
| SEQ ID NO 2
| LENGTH: 30
| TYPE: PRT | TYPE: PRT | CAGANISM: Homo Sapiens
| PCT-US04-06082-2
                                                                                                                                                                                                                                                                                                                                                                                                       ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 5
POT-USO4-06462-90
Sequence 90, Application PC/TUS0406462
GENERAL INFORMATION:
APPLICANT: BIOREAXIS Pharmaceutical Corp.
APPLICANT: Briory Christopher P.
APPLICANT: Ballance, David J.
ITLE OF INVENTION: Dipeptidy peptidase protected proteins FILE REPERENCE: 54710-5010-WO.
CURRENT APPLICATION NUMBER: PCT/US04/06462
CURRENT PLING DATE: 2004-03-04
PRIOR PILING DATE: 2004-03-04
PRIOR PLILING DATE: 2003-04
PRIOR PLILING DATE: 2003-04
PRIOR FILING DATE: 2003-08-88
SOFTWARER: PCT/US03/26818
PRIOR FILING DATE: 2003-08-88
SOFTWARER: PATENTION NUMBER: DCT/US03/26818
PRIOR FILING DATE: 2003-08-88
SOFTWARER: PATENTION NUMBER: DCT/US03/26818
PRIOR FILING DATE: 2003-08-88
SOFTWARER: PATENTION NUMBER: DCT/US03/26818
PRIOR FILING DATE: 2003-08-88
SOFTWARER: PATENTIN VERSION 3.2
SEQ ID NO 90
LENGTH: 30
                                                                                                                                                                                                                                                                                                                                                   Length 30;
                                                                                                                                                                                                                                                                                                                                                   99.2%; Score 127; DB 1; 100.0%; Pred. No. 1.2e-12;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 127; DB 1;
Pred. No. 1.2e-12;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 99.2%; Score 127; DE Best Local Similarity 100.0%; Pred. No. 1.2 Matches 25; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                             Best Local Similarity 100.0%; Pred. No. 1.3
Matches 25; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FTSDVSSYLEGQAAKEFIAWLVKGR 30
                                                                                                                                                                                                                                                                                                                                                                                                                                                               2 FISDVSSYLEGOAAKEFIAMLVKGR 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            6 FISDVSSYLEGQAAKEFIAWLVKGR 30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE:

/ OTHER INFORMATION: A8G modified GLP-1

PCT-US04-06462-90
                                                                                                                             FEATURE: OTHER INFORMATION: c-term amidation
                    ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                       iocation: (1)...(1)
CTHER INFORMATION: Twa-His
PCT-US04-04421-778
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: PRT
ORGANISM: artificial
                                                                                                                                                                               PEATURE:
NAME/KEY: MOD RES
                                                                                                                                                                                                                                                                                                                                                      Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ઠે
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    a
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ઠ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     셤
                                                                            OTHER INFORMATION: Description of Artificial Sequence: Illustrative synthetic OTHER INFORMATION: modified hGLP-1 peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ö
                                                                                                                                                                                                                                                                                                                                                                                                             ô
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: SOCIETY DE CONSEILS DE RECHERCHES ET D'APPLICATIONS
APPLICANT: SCIENTIFIQUES, S.A.S.
APPLICANT: CIENTIFIQUES, S.A.S.
APPLICANT: DONG, ZHENG ZIN
FILLS OF INVENTION: ANALOGUES OF GLP-1
FILLS REPERENCE: 129P-PCT2
CURRENT APPLICATION NUMBER: PCT/USO4/04421
CURRENT FILING DATE: 2004-02-17
NUMBER OF SEQ ID NOS: 781
PRIOR PLILING DATE: 2003-02-19
SOFTWARE: PATENTING DATE: 2003-02-19
SOFTWARE: PATENTING DATE: 2003-02-19
SOFTWARE: PATENTING VARION 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ó
                                                                                                                                                                                                                                                                                                                                                                                                             ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 775, Application PC/TUS0404421
GENERAL INFORMATION:
APPLICANT: SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS
APPLICANT: SCIENTIFIQUES, S.A.S
APPLICANT: DONG, ZHENG ZIN
TITLE OF INVENTION: ANALOGUES OF GLP-1
FILE REPREBNCE: 129P-PCT2
CURRENT APPLICATION NUMBER: PCT/US04/04421
CURRENT FILING DATE: 2004-02-17
NUMBER OF SEQ ID NOS: 781
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match

99.2%; Score 127; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 1.2e-12;
Matches 25; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                   Query Match
99.2%; Score 127; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 1.2e-12;
Matches 25; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE:

OTHER INFORMATION: c-term may or may not be amidated

PCT-USO4-04421-775
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: Illustrative hGLP-1(7-36)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     6 FTSDVSSYLEGQAAKEFIAWLVKGR 30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               6 FTSDVSSYLEGQAAKEFIAWLVKGR 30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2 FISDVSSYLEGOAAKEFIAWLVKGR 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2 FTSDVSSYLEGQAAKEFIAWLVKGR 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: 60/449,203
PRIOR FILING DATE: 2003-02-19
SOFTWARE: Patentin version 3.2
                                                                                                                                                                                                                                                                          // OTHER INFORMATION: c-term amidation
PCT-US04-04421-774
TYPE: PRT
ORGANISM: Artificial Sequence
FRATURE:
                                                                                                                             FEATURE:
NAME/KRY: MOD RES
LOCATION: (2) ... (2)
OTHER INFORMATION: A5c
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 4
PCT-US04-04421-778
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PCT-US04-04421-775
```

SRQ ID NO 775

ð g g

ò Q

```
US-1U-490-140-1

Sequence 1, Application US/10485140
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Secretary, Department of Health and Human Services
APPLICANT: Greig, Nigel H.
APPLICANT: Greig, Nigel H.
APPLICANT: Greig, Maire
APPLICANT: Bolloway, Harold
APPLICANT: Bolloway
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: The Government of the United States of America, as represented by the APPLICANT: The Government of the United States of America, as represented by the APPLICANT: Secretary, Department of Health and Human Services APPLICANT: Series, Migel B. APPLICANT: Egan, Josephine APPLICANT: Boyle, Maire APPLICANT: Boyle, Maire APPLICANT: Holloway, Harold TITLE OF INVENTION: GLP-1, FARDINAN: GLP-1, REENDIN-4, AND PEPTIDE ANALOGS AND USES THEREOF FILE REFERENCE: 14014.0396P1
7TILE OF INVENTION: GLP-1, 105/405,140
7TILE REFERENCE: 2004-01-27
PRIOR APPLICATION NUMBER: 60/309,076
PRIOR FILING DATE: 2001-07-31
NUMBER OF SEQ ID NOS: 52
SOFTWARE: FASTERE OF WINDOWS VERSION 4.0
TYPE: PRI-
                                                                                                                                                                                                        Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
                                                                                                                                                                                                    ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: Description of Artificial Sequence:/Note OTHER INFORMATION: Synthetic Construct
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   99.2%; Score 127; DB 6; Length 30; 100.0%; Pred. No. 1.2e-12; ive 0; Mismatches 0; Indels
                                                                                                                           Length 30;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 30;
                                                                                                                                                                                                    Indels
                                                                                                                   Query Match
99.2%; Score 127; DB 5;
Best Local Similarity 100.0%; Pred. No. 1.2e-12;
Matches 25; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        98
; OTHER INFORMATION: insulinotropic peptide US-09-635-679E-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        99.2%; Score 127;
                                                                                                                                                                                                                                                                                                                                    6 FTSDVSSYLEGOAAKEFIAMLVKGR 30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             6 FTSDVSSYLEGQAAKEFIAWLVKGR 30
                                                                                                                                                                                                                                                                                     2 FISDVSSYLEGOAAKEFIAWLVKGR 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2 FTSDVSSYLEGQAAKEFIAWLVKGR 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 3, Application US/10485140 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 100.(
Matches 25; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; TYPE: PRT
; ORGANISM: Human
US-10-485-140-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
                                                                                                                                                                                                                                                                                     ò
                                                                                                                                                                                                                                                                                                                                                             셤
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      셠
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ò
                                                                                                                                ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ö
                                                                                                                                Gaps
                                                                                                                                ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:

GENERAL INFORMATION:

TITLE OF INVENTION:

FILE REPERRNCE: 0609.1090009

CURRENT PILING DATE: 2000-08-10

PRIOR PAPLICATION NUMBER: 05/090,949

PRIOR PILING DATE: 1998-06-05

PRIOR APPLICATION NUMBER: 06/109

PRIOR PILING DATE: 1998-06-05

PRIOR PILING DATE: 1998-11-23

PRIOR PILING DATE: 1991-09-05

PRIOR PILING DATE: 1991-09-05

PRIOR PILING DATE: 1991-09-05

PRIOR PAPLICATION NUMBER: 07/55,215

PRIOR PAPLICATION NUMBER: 07/532,111

PRIOR APPLICATION NUMBER: 07/532,111

PRIOR PAPLICATION NUMBER: 07/532,111

PRIOR PAPLICATION NUMBER: 07/532,111

PRIOR PAPLICATION NUMBER: 07/532,111

PRIOR PAPLICATION NUMBER: 06/859,928

PRIOR PILING DATE: 1986-01-26

PRIOR PAPLICATION NUMBER: 06/859,928

PRIOR PILING DATE: 1986-01-26

PRIOR PAPLICATION NUMBER: 06/859,928

PRIOR PAPLICATION NUMBER: 06/859,928

PRIOR PILING DATE: 1986-01-26

PRIOR APPLICATION NUMBER: 06/859,928

PRIOR PAPLICATION NUMBER: 06/859,928

PRIOR PAPLICATION NUMBER: 06/859,928
                                                                                                                                                                                                                                                                                                                                                                                           RESULT 7
US-09-716-166-14

i Sequence 14, Application US/09716166

j GENERAL INFORMATION:
   APPLICANT: Treco, Douglas A.
   APPLICANT: Concino, Michael P.
   TITLE OF INVENTION: NUCLEIC ACID CONSTRUCT FOR OPTIMIZED
   TITLE OP INVENTION: NUCLEIC ACID CONSTRUCT
   TITLE OP INVENTION: PRODUCTION OF PRODUCTS
   TITLE OP INVENTION: US ADDICATION OF PRODUCTS
   CURRENT APPLICATION NUMBER: US/09/716,166
   CURRENT PILLING DATE: 10378-011017
   PRIOR PILLING DATE: 1999-11-19
   NUMBER OF SEQ ID NOS: 14
   SEQ ID NO 14
   LENGTH: 30
                                                   Length 30;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 30;
                                                                                                                           Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; OTHER INFORMATION: synthetically generated polypeptide US-09-716-166-14
                                          Ouery Match 99.2%; Score 127; DB 1; L
Best Local Similarity 100.0%; Pred. No. 1.2e-12;
Matches 25; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
99.2%; Score 127; DB 5;
Best Local Similarity 100.0%; Pred. No. 1.2e-12;
Matches 25; Conservative 0; Mismatches 0;
                                                                                                                                                                                                            2 FTSDVSSYLEGOAAKEFIAWLVKGR 26
                                                                                                                                                                                                                                                                                     6 FISDVSSYLEGOAAKEFIAWLVKGR 30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2 FISDVSSYLEGQAAKEFIAWLVKGR 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-09-635-679E-4
```

δ 쉱

à g

```
RESULT 13
US-10-291-226A-112
is Sequence 112, Application US/10291226A
is GENERAL INFORMATION:
is APPLICANT: Larsen, Bjarne Due
is APPLICANT: Meve, Soren
itTLE OF INVENTION: NOVEL PEPTIDE AGONISTS OF GLP-1 ACTIVITY
ITTLE OF INVENTION: NOVEL PEPTIDE AGONISTS OF GLP-1 ACTIVITY
ITTLE OF INVENTION: NOVEL PEPTIDE AGONISTS OF GLP-1 ACTIVITY
itTLE OF INVENTION: 100 NOVER: 105/0291,226A
iCURRENT APPLICATION NUMBER: US/10/291,226A
iCURRENT PLING DATE: 1999-07-13
iNVENTER OF SEQ ID NOS: 153
iSOFTWARE: Patentin Ver. 2.1
isRQ ID NO 112
iERNGTH: 30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 99.2%; Score 127; DB 6; Length 30; Best Local Similarity 100.0%; Pred. No. 1.2e-12; Matches 25; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 30;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Indele
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: Gly8Ly834N-palmitcyl-GLP-1 (7-36)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: GlyBLyS26N-palmitoyl-GLP-1 (7-36)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 127; DB 6;
Pred. No. 1.2e-12;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 99.2%; Score 127; DE Best Local Similarity 100.0%; Pred. No. 1.2 Matches 25; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        6 FTSDVSSYLEGQAAKEFIAWLVKGR 30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         , LOCATION: (28)
, OTHER INFORMATION: Lys(N-palmitoyl)
US-10-291-226A-112
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; LOCATION: (20); COTHER INFORMATION: Lys(N-palmitoyl)
US-10-291-226A-113
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME/KEY: MOD RES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: MOD_RES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ð
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       d
                                                                                                                                                                                                                                                                  APPLICANT: The Government of the United States of America, as represented by the APPLICANT: Secretary, Department of Health and Human Services
APPLICANT: Services
APPLICANT: Bgan, Josephine
APPLICANT: Doyle, Maire
APPLICANT: Doyle, Maire
APPLICANT: Holloway, Harold
FILLE REFERENCE: 14014, 0.396pt
FILLE REFERENCE: 14014, 0.396pt
CURRENT APPLICATION NUMBER: US/10/485,140
CURRENT PILLING DATE: 2004-01-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ö
                          ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ó
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 87, Application US/10291226A
GENERAL INPORMATION:
APPLICANT: Larsen, Bjarne Due
APPLICANT: Larsen, Bjarne Due
APPLICANT: Larsen, Jens Mollgaard
APPLICANT: Neve, Soren
TITLE OF INVENTION: NOVEL PEPTIDE ACONISTS OF GLP-1 ACTIVITY
FILE REPRENCE: 5511,44647)
CURRENT APPLICATION NUMBER: US/10/291,226A
CURRENT APPLICATION NUMBER: US 60/143,591
PRIOR FILING DATE: 1999-07-13
NUMBER: OF SEQ ID NOS: 153
SOFTWARE: Patentin Ver. 2.1
SEQ ID NOS: 153
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: Description of Artificial Sequence:/Note
OTHER INFORMATION: Synthetic Construct
US-10-485-140-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     99.2%; Score 127; DB 6; Length 30; 100.0%; Pred. No. 1.2e-12; tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 99.2%; Score 127; DB 6; Length 30; Best Local Similarity 100.0%; Pred. No. 1.2e-12; Matches 25; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: Description of Artificial Sequence; OTHER INFORMATION: Gly8-GLP-1-{7-36}(Human)-NH2
US-10-291-226A-87
  Pred. No. 1.2e-12;
Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRICR APPLICATION NUMBER: 2004-01-27
PRICR APPLICATION NUMBER: 60/309,076
PRICR FILING DATE: 2001-07-31
NUMBER OF SEQ ID NOS: 52
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 4
LENGTH: 30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  6 FTSDVSSYLEGOAAKEFIAWLVKGR 30
                                                                      2 FISDVSSYLEGOAAKEFIAWLVKGR 26
                                                                                                             6 FISDVSSYLEGOAAKEFIAWLVKGR 30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2 FTSDVSSYLEGQAAKEFIAWLVKGR 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2 FISDVSSYLEGQAAKEFIAWLVKGR 26
                                                                                                                                                                                                                           Sequence 4, Application US/10485140
GENERAL INFORMATION:
ilarity 100.0%; P:
Conservative 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 100.0
Matches 25; ConBervative
  Best Local Similarity
Matches 25; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-10-291-226A-87
                                                                                                                                                                                  RESULT 11
US-10-485-140-4
```

ò

Gaps

ö

Gaps

ö

ঠ

Search completed: July 3, 2004, 00:47:42 Job time: 12.2733 secs

2 FTSDVSSYLBGQAAKEFTAWLVKGR 26

8 8

```
July 3, 2004, 00:21:27; Search time 12.3727 Seconds (without alignments) 100.142 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1: /cgn2 6/ptodata/2/iaa/5A COMB.pep:*
2: /cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
3: /cgn2_6/ptodata/2/iaa/6A_COMB.pep:*
4: /cgn2_6/ptodata/2/iaa/6B_COMB.pep:*
5: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
6: /cgn2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                               Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                    389414 seqs, 51625971 residues
                                                                                                                                                                                                                             US-09-943-084-4
122
1 FTSDVSSYLEGQAAKEFIAWLVKG 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                          OM protein - protein search, using sw model
                                                                                                                                                                                                                                                                                                                        BLOSUM62
Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Issued Patents AA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Minimum DB seq length: 0
Maximum DB seq length: 2000000000
                                                                                                                                                                                                                                     Title:
Perfect score:
                                                                                                                                                                                                                                                                                                                                Scoring table:
                                                                                                                                                                                                                                                                                Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                      Searched:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Database
                                                                                                                                        Rur. on:
```

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Description	Sequence 6, Appli Sequence 6, Appli Sequence 6, Appli Sequence 125, Appli Sequence 9, Appli Sequence 9, Appli Sequence 10, Appli Sequence 11, Appli Sequence 4, Appli Sequence 5, Appli Sequence 5, Appli Sequence 5, Appli Sequence 10, Appli Sequence 11, Appli Sequence 11, Appli Sequence 11, Appli Sequence 11, Appli Sequence 11, Appli Sequence 11, Appli Sequence 12, Appli Sequence 12, Appli Sequence 13, Appli Sequence 13, Appli Sequence 14, Appli Sequence 17, Appli	Sequence 5, Appli
ID	109-130-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	US-08-915-918A-5
DB	i i പത്യുയുയുന്നപത്ത്യുയുയുന്നിപ്പെപ്പരത്തെത	M
Length	00000000000000000000000000000000000000	30
% Query Match	00000000000000000000000000000000000000	100.0
Score	222222222222222222222222222222222222222	122
Result No.	44444444444444444444444444444444444444	27

ö

Gaps

ö

ö

Query Match
Best Local Similarity 100.0%; Pred. No. 2.6e-12; Matches 24; Conservative 0; Mismatches 0;

Length 28; Indels

Sequence 4, Appli Sequence 3, Appli Sequence 4, Appli Sequence 10, Appli Sequence 11, Appli Sequence 17, Appli Sequence 1, Appli Sequence 1, Appli Sequence 1, Appli Sequence 1, Appli Sequence 112, Appli Sequence 112, Appli Sequence 1112, Appli Sequence 1114, Appli Sequence 113, Appli Sequence 114, Appli Sequence 114, Appli Sequence 115, Appli Sequence 114, Appli Sequence 115, Appli Sequence 117, Appli Sequence 118, Appli Sequence 118, Appli Sequence 119, Appli Sequence 119, Appli	•
US-09-302-596-4 US-09-333-415-4 US-09-333-415-4 US-09-585-181A-4 US-09-209-7990-10 US-09-209-7990-10 US-09-209-7990-21 US-09-209-7990-21 US-09-505-991-1 US-09-505-991-1 US-09-505-991-1 US-09-513-809-1 US-09-513-809-1 US-09-513-809-1 US-09-514-847-112 US-09-614-847-112 US-09-614-847-113 US-09-614-847-113 US-09-614-847-113 US-09-614-847-113	
~ ~ * * * * * * * * * * * * * * * * * *	
	1
122222222222222222222222222222222222222	
G G G G G G G G G G G G G G G G G G G	!

ŝ
H
z
M
Α.
Ħ
6
Ü
н
. 3
-7

```
Sequence 9, Application US/08297731
| Patent No. 5574008
| GENERAL INPORMATION:
| APPLICANT: Johnson, William T. |
| APPLICANT: Yakubu-Madus, Fatima E. |
| TITLE OF INVERTION: BIOLOGICALLY ACTIVE FRAGMENTS OF TITLE OF INVERTION: GLUCAGON-LIKE INSULINOTROPIC PEPTIDE NUMBER OF SEQUENCES: 13 |
| CORRESPONDENCE: 13 |
| ADDRESSEE: Eli Lilly and Company/RSM |
| STREET: Lilly corporate Center |
| CITY: Indianapolis
                                                                                                                                                                                                                                                                                                                                                            COMPUTER READBLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARS: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/297,731
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LOCATION: 27..28
OTHER INFORMATION: /note= "C-terminal amide"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Maciak, Ronald S.
REGISTRATION NUMBER: 35,262
REPRENCE/DOCKET NUMBER: X9630
TELECOMMUNICATION INFORMATION:
TELEPHONE: 317-276-1664
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: 317-277-1917
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY: Modified-site
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           linear
                                                                                                                                                                                                                                                                                                                      USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: amino a
STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                            46285
                                                                                                                                                                                                                                                                     CITY: In
STATE: II
COUNTRY:
```

Š

```
Metabolic Intervention with GLP-1 or its Biologically Active Analogues to Improve the Function of the Ischemic and Reperfused Brain
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      , OTHER INFORMATION: Description of Artificial Sequence: GLP-1(9-36) (Human)
US-09-614-847-125
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 6, Application US/09805507

Sequence 6, Application US/09805507

Patent No. 6579851

GENERAL INFORMATION:
APPLICANT: COLIDGE, THOMAS R.
APPLICANT: EHLERS, MARIO
TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
FILE REPRESENCE: 089187/0395
CURRENT APPLICATION NUMBER: US/09/805,507
CURRENT PILING DATE: 2001-03-14
PRIOR PILING DATE: 2001-05-18
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 125, Application US/09614847
; Sequence 125, Application US/09614847
; Patent No. 6528486
; GENERAL INFORMATION:
; APPLICANT: Larsen, Bjarne Due
; APPLICANT: Nove, Soren
; APPLICANT: Nove, Soren
; TITLE OF INVENTION: NOVER ERPTIDE AGONISTS OF GLP-1 ACTIVITY
; FILE REPERBYCE: 55514(4548)
; CURRENT APPLICATION NUMBER: US/09/614,847
; CURRENT FILING DATE: 2000-07-12
; PRIOR PILING DATE: 1999-07-13
; NUMBER OF SEQ ID NOS: 153
; SEQ ID NO 125
; LENGTH: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ö
                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
100.0%; Score 122; DB 4;
Best Local Similarity 100.0%; Pred. No. 2.6e-12;
Matches 24; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 100.0%; Pred. No. 2.6e-12;
Matches 24; Conservative 0; Mismatches 0;
  TITLE OF INVENTION: Metabolic Intervention
TITLE OF INVENTION: Active Analogues to Imp
TITLE OF INVENTION: Isohemic and Reperfused
FILE REFERENCE: P03660U52
CURRENT APPLICATION NUMBER: US/09/303,016
PRIOR APPLICATION NUMBER: 60/103,498
PRIOR PLING DATE: 1999-04-30
PRIOR FILING DATE: 1999-10-08
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 PTSDVSSYLEGGAAKEFIAWLVKG 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   4 FTSDVSSYLEGQAAKEFIAMLVKG 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-09-805-507-6
                                                                                                                                                                                                                                                                                                                                                                                         US-09-303-016-6
                                                                                                                                                                                                                                                                                 SEC ID NO 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         В
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           δ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ð
                                                                                                                                                                                                                                                                                 APPLICANT: Coolidge, Thomas R.
APPLICANT: Coolidge, Thomas R.
APPLICANT: Coolidge, Thomas R.

ITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of TITLE OF INVENTION: Ischemic and Reperfused Tissue
FILE REPERRNCE: P03660US1
CURRENT PPLICATION NUMBER: US/09/302,596
CURRENT FILING DATE: 1999-04-30
PRIOR APPLICATION NUMBER: 60/103,498
PRIOR APPLICATION NUMBER: 60/103,498
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 6, Application US/09333415

Batent No. 6344180

GENERAL INFORMATION:
APPLICANT: Holst, Jens J.
APPLICANT: Holst, Jens J.
APPLICANT: Holst, Jens J.
TITLE OF INVENTION: GLP-1 as a Diagnostic Test to Determine Beta-Cell
TITLE OF INVENTION: Function and the Presence of the Condition of IGT and
TITLE OF INVENTION: Type-II Diabetes
FILE REPERENCE: P03987US0
CURRENT REPLIKED APPLICATION NUMBER: US/09/333,415
CURRENT APPLICATION NUMBER: US/09/333,415
CURRENT FILING DATE: 1999-06-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
100.0%; Score 122; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 2.6e-12;
Matches 24; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 100.0%; Score 122; Best Local Similarity 100.0%; Pred. No. ? Matches 24; Conservative 0; Mismatche
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         4 FTSDVSSYLEGOAAKEFIAWLVKG 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 FTSDVSSYLEGQAAKEFIAWLVKG 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 FISDVSSYLEGOAAKBFIAWLVKG 24
                       1 FTSDVSSYLEGQAAKEFIAWLVKG 24
                                                         FTSDVSSYLEGOAAKEFIAWLVKG 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 6, Application US/09303016
Patent No. 6429197
                                                                                                                                                                                                      Sequence 6, Application US/09302596 Patent No. 6284725
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Coolidge, Thomas R.
APPLICANT: Ehlers, Mario R.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PatentIn Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: mammalian
US-09-302-596-6
                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER PAT
SOFTWARE: PAT
SEQ ID NO 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 4
US-09-303-016-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-333-415-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-333-415-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQ ID NO 6
LENGTH: 28
```

Š g 0

ð a

```
US-08-297-731-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ઠે
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   엄
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ö
                                                                                                                                                                                                                                                 ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
                                                             ORGANISM: Unknown Organism; PEATURE:
PEATURE:
OTHER INFORMATION: Description of Unknown Organism: Truncated form; OTHER INFORMATION: of GLP-1
US-09-805-507-6
                                                                                                                                                                                                                                              Ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 28;
                                                                                                                                                                                                    Length 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Johnson, William T.
APPLICANT: Yakubu-Madus, Fatima B.
APPLICANT: Yakubu-Madus, Fatima B.
APPLICANT: Yakubu-Madus, Fatima B.
APPLICANT: Yakubu-Madus, Fatima B.
APPLICANT: Yakubu-Madus, Tatima B.
TITLE OF INVENTION: GLUCAGON-LIKE INSULINOTROPIC PEPTIDE
NUMBER OF SEQUENCES: 13
ADDRESSEE: Bli Lilly and Company/RSM
STREET: Lilly Corporate Center
CITY: Indianapolis
STATE: IN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ZIP: 46285
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/10793
                                                                                                                                                                                               Query Match
100.0%; Score 122; DB 4;
Best Local Similarity 100.0%; Pred. No. 2.6e-12;
Matches 24; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
100.0%; Score 122; DB 5;
Best Local Similarity 100.0%; Pred. No. 2.6e-12;
Matches 24; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LOCATION: 27.28
OTHER INFORMATION: /note= "C-terminal amide"
PCT-US95-10793-9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FISDVSSYLEGGAAKEFIAWLVKG 27
                                                                                                                                                                                                                                                                                                                   4 FTSDVSSYLEGGAAKEFIAWLVKG 27
                                                                                                                                                                                                                                                                                           1 FISDVSSYLEGOAAKEFIAMLVKG 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 FTSDVSSYLEGQAAKEFIAWLVKG 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 9, Application PC/TUS9510793 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Maciak, Ronald S.
REGIGTRATION NUMBER: 35,262
REFERENCE/DOCKET NUMBER: X9630
TELECOMONICATION INFORMATION:
TELEPHONE: 317-276-1664
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHERACTERISTICS:
LENGTH: 28 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: Modified-site
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: linear
MOLECULE TYPE: peptide
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                           PCT-US95-10793-9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY:
SEQ ID NO 6
LENGTH: 28
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ઠે
                                                                                                                                                                                                                                                                                             ठे
                                                                                                                                                                                                                                                                                                                                      셤
```

RESULT 8

```
Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             .
0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 11, Application US/08297731

Patent No. 5574008

GENERAL INFORMATION:
APPLICANT: Johnson, William T.
APPLICANT: Yakubu-Madus, Fatima E.
TITLE OF INVENTION: BIOLOGICALLY ACTIVE FRACKENTS OF
TITLE OF INVENTION: GLUCAGON-LIKE INSULINOTROPIC PEPTIDE
NUMBER OF SEQUENCES: 13
CORRESPONDENCES: 13
CORRESPONDENCES: 13
ADDRESSEE: Bli Lilly and Company/RSM
STREET: Lilly Corporate Center
CITY: Indianapolis
| Sequence 10, Application US/08297731
| Patent No. 5574008
| GENERAL INPORMATION: | APPLICANT: APPLICANT: Yakubu-Madus, Patima E. TITLE OF INVENTION: BIOLOGICALLY ACTIVE PRACMENTS OF TITLE OF INVENTION: GLUCAGON-LIKE INSULINOTROPIC PRFTIDE NUMBER OF SEQUENCES: 13 CORRESPONDENCE ADDRESS: ADDRESSE: Bli Lilly and Company/RSM STREET: Lilly Corporate Center CITY: Indianapolis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Ouery Match 100.0%; Score 122; DB 1; Length 29; Best Local Similarity 100.0%; Pred. No. 2.7e-12; Matches 24; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                         ZIP: 46285
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 46285
ZIP: 46285
COMPUTER RADABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
COMPATING SYSTEM: PC-DOS/MS-DOS
SOFTWARR: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 FTSDVSSYLEGGAAKEPIAWLVKG 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FISDVSSYLEGQAAKEFIAMLVKG 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/297,731
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Maciak, Romald S.
REGISTRATION NUMBER: 35,262
REFERENCK/DOCKET NUMBER: X9636
TELECOMMUNICATION INFORMATION:
TELEPHONE: 317-276-1664
TELEPHONE: 317-276-1664
INFORMATION FOR SEQ ID NO: 10:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         29 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               amino acid
                                                                                                                                                                                                                                                                                                                                       USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-08-297-731-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 9
US-08-297-731-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY:
                                                                                                                                                                                                                                                                                                                                       COUNTRY:
```

ö

```
COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: Ploppy disk
COMPUTER: Ploppy disk
COMPUTER: Ploppy disk
COMPUTER: Ploppy disk
SOFTWARE: Patentin Release #1.0, Version #1.25
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATS:
APPLICATION NUMBER: US/08/472,349
FILING DATE:
CLASSIFICATION NUMBER: US/08/191,655
FILING DATE:
APPLICATION NUMBER: US/08/181,655
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Sheyka, Robert F.
REGISTRATION NUMBER: 13,304
REFERENCE/DOCKET NUMBER: PC8391
TELECOMMUNICATION INFORMATION:
                                  Prolonged Delivery of Peptides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
100.0%; Score 122; DB 3;
Best Local Similarity 100.0%; Pred. No. 2.7e-12;
Matches 24; Conservative 0; Mismatches 0;
APPLICANT: Danley, Dennis B.
TITLE OF INVENTION: Prolonged Delivery of Per NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pfizer Inc STREET: 235 East 42nd Street, 20th Floor CITY: New York STRTE: New York STRTE: New York COUNTRY: U.S.A.
ZIP: 10017-5755
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Frsbyssylegoaakeriawlykg 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 FTSDVSSYLEGGAAKEFIAWLVKG 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: (212)573-1939
TELEX: N/A
INFORMATION POR SEQ ID NO: 4
SEQUENCE CHARACTERISTICS:
LENOTH: 29 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRAGMENT TYPE: Noterminal ORIGINAL SOURCE: ORIGINAL SOURCE: STRAIN: N/A STRAIN: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STEALN: N/A
INDIVIDUAL ISOLATE: N
HAPLOTYPE: N/A
CELL LINE: N/A
IMMEDIATE SOURCE:
LIBRARY: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: peptide HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       POSITION IN GENOME:
CHROMOSOME/SEGMENT:
MAP POSITION: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-333-415-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-08-472-349-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ŝ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  셤
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gequence 5, Application US/09302596

Sequence COLIGGE, Thomas R.
APPLICANT: Enlars, Martio R.W.
TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of TITLE OF INVENTION: Ischemic and Reperfused Tissue
FILE REPREBURE: P03660031

CURRENT APPLICATION NUMBER: US/09/302,596

CURRENT FILING DATE: 1999-04-30

PRIOR FILING DATE: 1999-10-430

PRIOR FILING DATE: 1998-10-08

NUMBER OF SEQ ID NOS: 13

SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ô
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 .;
0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 100.0%; Fred. No. 2.7e-12;
Matches 24; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
100.0%; Score 122; DB 1; Length 29;
Best Local Similarity 100.0%; Pred. No. 2.7e-12;
Matches 24; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME/KEY: Modified-site
LOCATION: 28..29
SOTHER INFORMATION: /note= "C-terminal amide"
US-08-297-731-11
            APPLICATION NUMBER: US/08/297,731
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Maciex, Ronald S.
REGISTRATION NUMBER: 35,262
REFERENCE/DOCKET NUMBER: 35,262
RETERPHONE: 317-276-1644
TELEPAX: 317-277-1917
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 29 amino acids
TYPE: amino acids
TYPE: amino acids
TYPE: amino acids
TYPE: AMINESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         4 FISDVSSYLEGQAAKEFIAMLVKG 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                5 FTSDVSSYLEGOAAKEFIAWLVKG 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 FTSDVSSYLEGQAAKEFIAWLVKG 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 FISDVSSYLEGQAAKEFIAMLVKG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-08-472-349-4
; Sequence 4, Application US/08472349
; Patent No. 6284727
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Kim, Yesook
Lambert, William J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: PRT
ORGANISM: mammalian
US-09-302-596-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQ ID NO 5
LENGTH: 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 11
```

DP. ઠે

```
S-gouence 5, Application US/09333415
Sequence 5, Application US/09333415
Patent No. 6344180
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Wilsboll, Tina
APPLICANT: Wilsboll, Tina
TITLE OF INVENTION: GLP-1 as a Diagnostic Test to Determine Beta-Cell
TITLE OF INVENTION: GLP-1 and the Presence of the Condition of IGT and
TITLE OF INVENTION: Type-II Diabetes
```

Qi, Hong Gelfand, Robert A. Geoghegan, Kieran F.

ઠ

ö

.; 0

Length 29 Indels

```
g
                                                                                                                                                                                                                          ઠે
                                                                                                                                                                                                                                                                                        음
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ò
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
Facture No. 6429197
GENERAL INFORMATION:
FAPLICANT: Coolidge, Thomas R.
FILLS OF INVENTION:
FILLS OF INVE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ô
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 100.0%; Score 122; DB 4; Length 29; Best Local Similarity 100.0%; Pred. No. 2.7e-12; Matches 24; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
100.0%; Score 122; DB 4; Length 29;
Best Local Similarity 100.0%; Pred. No. 2.7e-12;
Matches 24; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Hermeling, Ronald
APPLICANT: Hermeling, Ronald
APPLICANT: Hoffmann, James
APPLICANT: Narasinhan, Chakravarthy
TITLE OF INVANION: GLUCAGON-LIKE PEPTIDE-1 CRYSTALS
TITLE OF INVANION: GLUCAGON-LIKE PEPTIDE-1
CURRENT APPLICATION NUMBER: US/09/209, 799D
CURRENT APPLICATION NUMBER: U990-12-11
NUMBER OF SEQ ID NOS: 29
SEQ ID NO 9
SEQ ID NO 9
LENGTH: 29
FILE REFERENCE: P03987USO
CURRENT PEPLICATION NUMBER: US/09/333,415
CURRENT FILING DATE: 1999-06-15
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 5
LENGTH: 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE:
, OTHER INFORMATION: synthetic construct
US-09-209-799D-9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       4 FTSDVSSYLEGQAAKBFIAWLVKG 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FISDVSSYLEGOAAKEFIAWLVKG 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 FISDVSSYLEGQAAKEFIAWLVKG 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 FISDVSSYLEGOAAKEFIAWLVKG 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 9, Application US/09209799D; Patent No. 6380357
                                                                                                                                                                                                                                                                                            TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CRGANISM: Homo sapiens
US-09-303-016-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 13
US-09-209-799D-9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 14
US-09-303-016-5
                                                                                                                                                                                                                                                                                                                                                                                     US-09-333-415-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ઠે
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              à
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 q
```

```
ö
                                                   ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
                                                   Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ö
                                                   ö
Query Match 100.0%; Score 122; DB 4; Length 29; Best Local Similarity 100.0%; Pred. No. 2.7e-12; Matches 24; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 29;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Indels
                                                                                                                                                                                                                                                         Sequence 7, Application US/0997792A

Sequence 7, Application US/0997792A

Patent No. 655521

GENURAL INFORMATION:

APPLICANT: ELI LILLY and COMPANY

TITLE OF INVENTION Glucagon-Like Peptide-1 Crystals

FILE REFERENCE: X-10242A

CURRENT APPLICATION NUMBER: US/09/997,792A

CURRENT FILING DATE: 2002-09-30

PRIOR FILING DATE: 1997-12-16

NUMBER OF SEQ ID NOS: 25

SOFTWARE: Patentin Version 3.1

SEQ ID NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 100.0%; Score 122; DB 4; Best Local Similarity 100.0%; Pred. No. 2.7e-12; Matches 24; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     , OTHER INFORMATION: Synthetic Construct
US-09-997-792A-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Search completed: July 3, 2004, 00:28:48
Job time : 12.3727 secs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 FISDVSSYLEGQAAKEFIAWLVKG 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        6 FTSDVSSYLEGGAAKEFIAWLVKG 29
                                                                                                    1 FISDVSSYLEGQAAKEFIAMLVKG 24
                                                                                                                                4 FTSDVSSYLEGGAAKEFIAMLVKG 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT ORGANISM: Artificial Sequence
                                                                                                                                                                                                                          RESULT 15
US-09-997-792A-7
```

```
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
```

July 3, 2004, 00:26:08; Search time 34.7329 Seconds (without alignments) 215.093 Million cell updates/sec OM protein Run on:

- protein search, using sw model

US-09-943-084-4 122 1 FTSDVSSYLEGQAAKEFIAWLVKG 24 Title: Perfect score: Sequence:

1276540 segs, 311283816 residues BLOSUM62 Gapop 10.0 , Gapext 0.5 Scoring table:

Searched:

Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

Database :

Published Applications AA:*

1: /cgn2_6/ptodata/2/pubpaa/Pcr_Raw Pub.pep:*

2: /cgn2_6/ptodata/2/pubpaa/Pcr_Raw Pub.pep:*

3: /cgn2_6/ptodata/2/pubpaa/Rcr_Raw Pub.pep:*

4: /cgn2_6/ptodata/2/pubpaa/USO6_PUBGOMB.pep:*

5: /cgn2_6/ptodata/2/pubpaa/USO6_PUBGOMB.pep:*

6: /cgn2_6/ptodata/2/pubpaa/USO8_NEW Pub.pep:*

7: /cgn2_6/ptodata/2/pubpaa/USO8_PUBCOMB.pep:*

8: /cgn2_6/ptodata/2/pubpaa/USO8_PUBCOMB.pep:*

9: /cgn2_6/ptodata/2/pubpaa/USO8_PUBCOMB.pep:*

10: /cgn2_6/ptodata/2/pubpaa/USO9E_PUBCOMB.pep:*

11: /cgn2_6/ptodata/2/pubpaa/USO9E_PUBCOMB.pep:*

12: /cgn2_6/ptodata/2/pubpaa/USO9E_PUBCOMB.pep:*

13: /cgn2_6/ptodata/2/pubpaa/USO9E_PUBCOMB.pep:*

14: /cgn2_6/ptodata/2/pubpaa/USO9E_PUBCOMB.pep:*

15: /cgn2_6/ptodata/2/pubpaa/USO9E_PUBCOMB.pep:*

16: /cgn2_6/ptodata/2/pubpaa/USO9E_PUBCOMB.pep:*

17: /cgn2_6/ptodata/2/pubpaa/USO0B_PUBCOMB.pep:*

18: /cgn2_6/ptodata/2/pubpaa/USO0B_PUBCOMB.pep:*

18: /cgn2_6/ptodata/2/pubpaa/USO0B_PUBCOMB.pep:*

18: /cgn2_6/ptodata/2/pubpaa/USO0B_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Description	Sequence 4, Appli	Sequence 2, Appli	Sequence 3, Appli	Sequence 6, Appli	Seguence 6, Appli	Seguence 125, App	Sequence 5, Appli	Sequence 5, Appli	Sequence 5, Appli						
	! !														
đị	US-09-943-084-4	US-09-943-084-2	US-09-943-084-3	US-09-851-738-6	US-09-805-507-6	US-09-859-804-6	US-09-982-978-6	US-09-953-021B-6	US-10-091-258-6	US-10-055-259-6	US-10-322-839-6	US-10-291-226-125	US-09-851-738-5	US-09-805-507-5	US-09-859-804-5
DB	10	10	10	Q	6	σ	6	6	1.4	4.	15	46	σv	σ	σ
% Query Watch Length DB	24	56	56	28	28	28	28	28	28	28	28	28	29	29	29
% Query Match	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Score	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122
Result No.		8	m	4	2	9	7	8	σ	10	11	12	13	14	15

Sequence 5, Appli	'n	ብ ው	ŗ	រេ	មា	φ)	ហ	N	Sequence 4, Appli	4	4,	4,	4	e)	Ä	Seguence 15, Appl	Ŋ	Ä	H	ā	Н	'n	28,	Sequence 4, Appli	Ļ,	Sequence 4, Appli	Sequence 4, Appli	Sequence 2, Appli	Sequence 3, Appli
9 US-09-982	9 US-09-953	10 US-09-99	14 US-10-169-	14 US-10-091-258-	14 US-10-055-259-5	15	15 US-10-322-	-	9 US-09-851-738-4	9 US-09-805	6 US-09-85	60-SD 6	9 US-09-953-021B-4	10 US-09-B	10	10 US-09-997-792-1	10	12 US-10-393-	12 US-10-393-5	15	12 US-09-858-	12 US-09-858-8	12 US-10-201-) 13 US-10-072-540A-4	Н	14 US-10-091-2	14 US-10-055-25	14 US-10-265-345A) 14 US-10-097-230-3
29	29	29	29	5	29	29	29	29	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30		30		30
100.0						100.0															100.0		100.0					Н	100.0
122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122
16	17	18	19	20	21	22	23	24	25	26	27	28	59	30	31	32	33	34	35	36	37	38	33	40	41	4.2	43	4.4	ል ጥ

ALIGNMENTS

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/181,655
FILING DATE: «UNKNOWN»
ATTORNEY/AGENT INFORMATION: APPLICATION NUMBER: US/09/943,084 FILING DATE: 31-Aug-2001 CLASSIFICATION: <Unknown> NAME: Sheyka, Robert F.
REGISTRATION NUMBER: 31,304
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:

```
Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 26,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STATE: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10017-5752
COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Geoglegan, Kieran F.
Danley, Dennis B.
TITLE OF INVENTION: Prolonged Delivery of Peptides
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSER: Pfizer Inc
STREET: 235 East 42nd Street, 20th Floor
CITY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
100.0%; Score 122; DB 10;
Best Local Similarity 100.0%; Pred. No. 6.6e-12;
Matches 24; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/181,655
FILING DATE: <UDAKNOMN>
ATTORNEY/AGENT INFORMATION:
NAME: Shevka, Robert F.
REGISTRATION NUMBER: 31,304
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/09/943,084 FILING DATE: 31-Aug-2001 CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              JUNITS: N/A
SEQUENCE DESCRIPTION: SEQ ID NO: 2: US-09-943-084-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 FTSDVSSYLEGOAAKEFIAWLVKG 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 FTSDVSSYLEGOAAKEFIAWLVKG 24
TELEPHONE: (212)573-1189
TELEFAX: (212)573-1939
TELEX: N/A
INFORMATION FOR SEQ ID NO: 2:
LENGTH: 31 amino acids
                                                                                                                                                                                                                                                                                    ORGANISM: N/A
ORGANISM: N/A
STRAIN: N/A
INDIVIDUAL ISOLATE: N/A
HAPLOTYPE: N/A
CELL LINE: N/A
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Lambert, William J.
Qi, Hong
Gelfand, Robert A.
                                                                                                                                                                                                                                                                                                                                                                                                               LIBRARY: N/A
CLOME: N/A
POSITION IN GENOME:
CHROWGSOME/SEGMENT: N/A
MAP POSITION: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 3, Application US/09943084 Publication No. US20030050237A1 GENERAL INFORMATION: Kim, Yesook
                                                                                                                        TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
                                                                                                                                                                                                          HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 3
US-09-943-084-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ò
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              du
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    DB 10; Length 24;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: New York
STATE: New York
COUNTR: 1.5.A.
ZIP: 10017-5755
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Geoghegan, Kieran F.
Danley, Dennis B.
TITLE OF INVENTION: Prolonged Delivery of Peptides
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS: 3
ADDRESSEE: Pfizer Inc
STREET: 235 East 42nd Street, 20th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Ouery Match
100.0%; Score 122; DB 10;
Best Local Similarity 100.0%; Pred. No. 6e-12;
Matches 24; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/181,655
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION DATA:
APPLICATION NURBER: US/09/943,084
FILING DATE: 31-Aug-2001
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Sheyka, Robert F.
REGISTRATION NUMBER: 31,304
REPERENCE/DOCKET NUMBER: PC8391
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MAP POSITION: N/A SEQUENCE DESCRIPTION: SEQ ID NO: 4:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 2
US-09-943-084-2
Sequence 2, Application US/09943084
Publication No. US20030050237A1
GENERAL INPORMATION:
APPLICANT: Kim, Yesook
Dambert, William J.
Oi, Hong
Gelfand, Robert A.
Gelfand, Robert A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | FTSDVSSYLEGQAAKEFIAWLVKG 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 FTSDVSSYLEGORAKEFIAWLVXG 24
                                                                                                         TYPE: amino acid
STRANDBNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
PRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: N/A
STRAIN: N/A
INDIVIDUAL ISOLATE: N/A
HAPLOTYPE: N/A
CELL LINE: N/A
IMMEDIATE SOURCE:
LIBERRY: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CHROMOSOME/SEGMENT: N/A
                          TSLEX: N/A
INFORMATION FOR SEQ ID NO: 4:
ICS:
LENGTH: 29 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
          TELEFAX: (212)573-1939
                                                                                                                                                                                                                                                                                                                                                                                                                      CLONE: N/A POSITION IN GENOME:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-943-084-4
```

8 8 us-09-943-084-4.rapb

```
RESULT 6
US-09-859-804-6
; Sequence 6, Application US/09859804
; Patent No. US20020107206A1
; GENERAL INPORMATION:
; APPLICANT: COLIDGE, THOMAS R.
; APPLICANT: EHLERS, MAXIO
; TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
; TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
; TITLE OF INVENTION: UNGBER: US/09/859,804
; CURRENT FILING DATE: 2001-05-18
; FRIOR APPLICATION NUMBER: 60/205,239
; RIOR PILING DATE: 2000-05-19
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE PATENTING VET. 2.1
## GENERAL INFORMATION:
| GENERAL INFORMATION:
| APPLICANT: COOLIDGE, THOMAS R. |
| APPLICANT: COOLIDGE, THOMAS R. |
| APPLICANT: EHLERS, MARIO
| TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLE-1
| FILE REFERENCE: 089107/080 NUMBER: US/09/805,507 |
| CURRENT APPLICATION NUMBER: US/09/805,604 |
| PRIOR PILIAG DATE: 2001-03-14 |
| PRIOR PILIAG DATE: 2001-05-18 |
| NUMBER OF SEQ ID NOS: 13 |
| SOFTWARE: Patentin Ver. 2.1 |
| SEQ ID NO 6 |
| LENGTH: 28 |
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-09-982-978-6

Sequence 6, Application US/09982978

Sequence 6, USZ0020146405A1

GENERAL INFORMATION:
APPLICANT: COOLIDGE, THOMAS R.
APPLICANT: ENLERS, WARIO
TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
FILE REFERENCE: 089187/03355
CURRENT APPLICATION NUMBER: US/09/982,976
                                                                                                                                                                                                                                                                                                                                                                               FRATURE:
O'THER INFORMATION: Description of Unknown Organism: Truncated form
CTHER INFORMATION: of GLP-1
US-09-805-507-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FRATURE: OTHER INFORMATION: Description of Unknown Organism: Truncated form OTHER INFORMATION: of GLP-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 100.0%; Score 122; DB 9; Best Local Similarity 100.0%; Pred. No. 7.1e-12; Matches 24; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            100.0%; Score 122; DB 9;
100.0%; Pred. No. 7.1e-12;
tive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            4 PTSDVSSYLEGQAAKEFIAWLVKG 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 FTSDVSSYLEGQAAKEFIAWLVKG 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 FISDVSSYLEGQAAKEFIAWLVKG 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          4 FISDVSSYLEGOAAKEFIAWLVKG 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 100.0
Matches 24; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
ORGANISM: Unknown Organism
                                                                                                                                                                                                                                                                                                                                  TYPE: PRT
ORGANISM: Unknown Organism
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-859-804-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQ ID NO 6
LENGTH: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ò
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           셤
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ò
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             셤
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 6, Application US/09851738
Patent No. US20020055460A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Coolidge, Thomas R.
APPLICANT: Coolidge, Mario R.W.
TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of FILE REPERRICE: P03660US1
CURRENT APPLICATION NUMBER: US/09/851,738
CURRENT FILING DATE: 2001-05-09
PRIOR APPLICATION NUMBER: 09/302,596
PRIOR FILING DATE: 1999-04-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ô
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 26;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 100.0%; Pred. No. 6.6e-12;
Matches 24; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
100.0%; Score 122; DB 9;
Best Local Similarity 100.0%; Pred. No. 7.1e-12;
Matches 24; Conservative 0; Mismatches 0;
REFERENCE/DOCKET NUMBER: PCB391
TELEPHONE: (212)573-189
TELEPHONE: (212)573-189
TELEPHONE: (212)573-1939
TELEX: N/A
INFORMATION FOR SEQ ID NO: 3:
LENGTH: 30 amino acids
TYPE: amino acid
STRANDEDENESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGENT TYPE: N-LETMINAL
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       UNITS: N/A SEQUENCE DESCRIPTION: SEQUENCE DESCRIPTION: SEQUENCE DESCRIPTION: SEQ ID NO: 3:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2 FTSDVSSYLEGGAAKEFIAWLVKG 25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                4 FISDVSSYLEGOAAKEFIAWLVKG 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 FISDVSSYLEGOAAKBFIAWLVKG 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 FISDVSSYLEGOAAKEFIAMLVKG 24
                                                                                                                                                                                                                                                                                                                                                        ORGANISM: N/A
STRAIN: N/A
INDIVIDUAL ISOLATE: N/A
HAPLOTYPE: N/A
CELL LINE: N/A
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLONE: N/A
POSITION IN GENOME:
CHROMOSOME/SEGMENT: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 5
US-09-805-507-6
; Sequence 6, Application US/09805507
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MAP POSITION: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 6
LENGTH: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LIBRARY: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: mammalian
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 4
US-09-851-738-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-09-851-738-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-943-084-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               g
```

g

ሯ

ઠે

ö

```
RESULT 10

US-10-055-259-6

US-10-055-259-6

Sequence 6, Application US/10055259

PUBLICATION NO. US20030091507A1

GENERAL INFORMATION:

APPLICANT: Holst, Jens J.

APPLICANT: Wilsboll, Tina

TILLE OF INVENTION: GLP-1 AS A DIAGNOSTIC TEST TO DETERMINE Beta-CELL FUNCTION AND

TILLE OF INVENTION: PRESENCE OF THE CONDITION OF IGT AND TYPE-II DIABETES

FILE REPRESENT APPLICATION NUMBER: US/10/055,259

CURRENT APPLICATION NUMBER: US/10/055,259

CURRENT PILING DATE: 2002-06-21

NUMBER OF SEQ ID NOS: 13

SOFTWARE: PatentIn version 3.1

SEQ ID NO 6

LENGTH: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Truncated form of GLP-1
                                                                           ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
                                                                             Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: COLOGAGE, Thomas R.
APPLICANT: COLOGAGE, Thomas R.
APPLICANT: CALLOGAGE, Mario
APPLICANT: Ehlers, Mario
APPLICANT: Ehlers, Mario
TITLE OP INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
FILE REFERENCE: P05671US2
CURRENT APPLICATION NUMBER: US/10/322,839
PRIOR APPLICATION NUMBER: US 09/859,804
PRIOR FILING DATE: 2001-05-18
PRIOR FILING DATE: 1000-05-19
PRIOR FILING DATE: 2000-05-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ö
                                                                             o,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        100.0%; Score 122; DB 14; Length 28; 100.0%; Pred. No. 7.1e-12; tive 0; Mismatches 0; Indels C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 28;
                                   Length 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Indels
                                                                             Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CTHER INFORMATION: Description of Unknown Organism: US-10-322-839-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     100.0%; Score 122; DB 15;
100.0%; Pred. No. 7.1e-12;
ive 0; Mismatches 0;
                                   100.0%; Score 122; DB 14;
100.0%; Pred. No. 7.1e-12;
                                                                             Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         4 FTSDVSSYLEGGAAKEFIAWLVKG 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 FISDVSSYLEGOAAKEFIAWLVKG 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4 FISDVSSYLEGOAAKEFIAWLVKG 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 PTSDVSSYLEGOAAKEFIAWLVKG 24
                                                                                                                       1 FTSDVSSYLEGGAAKBFIAWLVKG 24
                                                                                                                                                        4 FISDVSSYLEGQAAKEFIAWLVKG 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 6, Application US/10322839
Publication No. US20040002454A1
GENERAL INFORMATION:
                                                                               .
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin version 3.1
SEQ ID NO 6
LENGTH: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 100.v
Best Local Similarity 100.v
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         24; Conservative
                                                                               Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity
Matches 24; Conserv
                                       Ouery Match
Best Local Similarity
Matches 24; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: PRT
ORGANISM: Unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-10-322-839-6
US-10-091-258-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ઠે
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          В
                                                                                                                                                                    엺
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ઠે
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 6, Application US/10091258

Publication No. US20030073626A1

GENERAL INFORMATION:
APPLICANT: Harbaway. David R
APPLICANT: Harbaway. David R
APPLICANT: Harbaway. CONIGGE. Thomas R
ITTLE OF INVENTION: CONFOSITIONS AND METHODS FOR TREATING PERIPHERAL VASCULAR DISEASE
CURRENT PELICATION NUMBER: US/10/091,258
CURRENT FILING DATE: 2002-03-05
NUMBER OF SEQ ID NOS: 13
SEQ ID NO 6
LENGTH: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 6, Application US/09953021B

Radent No. US2002014131A1

GRNERAL INFORMATION:
APPLICANT: Coolidge, Thomas L.
APPLICANT: Coolidge, Thomas L.
APPLICANT: Coolidge, Thomas L.
APPLICANT: Coolidge, Thomas L.
APPLICANT: Enlers, Mario R.W.
TITLE OF INVENTION: Reperfused Skeletal Muscle Tissue
FILE REPERENCE: P03660U36
CURRENT APPLICATION NUMBER: US/09/953,021B
PRIOR APPLICATION NUMBER: 09/302,596
PRIOR FILING DATE: 1999-04-30
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 6
SEQ ID NO 6
                                                                                                                                                                                                                                                                                                                                                                                              ö
                                                                                                                                                                                                                                                                                                                                                                                              Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
                                                                                                                                                                                                                                                             OTHER INFORMATION: Description of Unknown Organism: Truncated form; OTHER INFORMATION: of GLP-1
US-09-982-978-6
                                                                                                                                                                                                                                                                                                                                                                                              ..
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 28;
                                                                                                                                                                                                                                                                                                                                                  Query Match
100.0%; Score 122; DB 9; Length 28;
Best Local Similarity 100.0%; Pred. No. 7.1e-12;
Matches 24; Conservative 0; Mismatches 0; Indels.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Ouery Match
Best Local Similarity 100.0%; Pred. No. 7.1e-12;
Matches 24; Conservative 0; Mismatches 0;
CURRENT FILING DATE: 2001-10-22
PRIOR APPLICATION NUMBER: 09/859,804
PRIOR PILING DATE: 2001-05-18
PRIOR APPLICATION NUMBER: 60/205,239
PRIOR PILING DATE: 2000-05-19
NUMBER OF SEQ ID NOS: 13
SOFTWARE PATENTIL Ver. 2.1
SEQ ID NO 6
LENGTH: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 FTSDVSSYLEGOAAKEFIAMLVKG 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  4 FTSDVSSYLEGGAAKEFIAWLVKG 27
                                                                                                                                                                                                                                                                                                                                                                                                                                           1 FTSDVSSYLEGOAAKEFIAWLVKG 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         4 FISDVSSYLEGOAAKBFIAWLVKG 27
                                                                                                                                                                                                  TYPE: PRT
ORGANISM: Unknown Organism
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
ORGANISM: mammalian
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              -021B-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-953-021B-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ద
                                                                                                                                                                                                                                                                                                                                                                                                                                                  ò
```

ó

```
APPLICANT: EHLERS, MARIO
TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
FILE REFERENCE: 089187/0395
CURRENT APPLICATION NUMBER: US/09/805,507
CURRENT FILING DATE: 2001-03-14
PRIOR APPLICATION NUMBER: 09/859,804
PRIOR PILING DATE: 2001-05-18
SPRIOR PLING DATE: 2010-05-18
SOFTWARE: PATENTIN US: 13
                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Description of Unknown Organism: Truncated form OTHER INFORMATION: of GLP-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                 / Match
Local Similarity 100.0%; Pred. No. 7.4e-12;
nes 24; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 PTSDVSSYLEGOAAKEFIAWLVKG 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4 FTSDVSSYLEGGAAKEFIAWLVKG 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                3, 2004, 00:51:50
APPLICANT: COOLIDGE, THOMAS R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: PRT
ORGANISM: Unknown Organism
FEATURE:
                                                                                                                                                                                                                                                                                     TYPE: PRT
ORGANISM: Unknown Organism
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Search completed: July
Job time: 35.7329 secs
                                                                                                                                                                                                                                                                                                                                                                                                           US-09-805-507-5
                                                                                                                                                                                                                                         SEQ ID NO 5
LENGTH: 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Best Loc
Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ઠે
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ઠે
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 5, Application US/09951738
Patent No. UG20020055460A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Coolidge, Thomas R.
APPLICANT: Coolidge, Thomas R.W.
TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of TITLE OF INVENTION: Schemic and Reperfused Tissue
TITLE REFERENCE: PO3660US1
CURRENT APPLICATION NUMBER: US/09/851,738
CURRENT FILING DATE: 2001-05-09
PRIOR FILING DATE: 1999-04-30
NUMBER OF SEQ ID NOS: 13
SOUTHARE: PatentIn Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: GLP-1(9-36) (Human)
108-10-231-226-125
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ö
                                                                                  Sequence 125, Application US/10291226
| Publication No. US20040106547A1
| GENERAL INFORMATION:
| APPLICANT: INFORMATION:
| APPLICANT: Mikkelsen, Jens Mollgaard
| APPLICANT: New, Soren
| TITLE OF INVENTION: NOVEL PEPTIDE AGONISTS OF GLP-1 ACTIVITY
| FILE REFERENCE: 55211(45487)
| CURRENT APPLICATION NUMBER: US/10/291,226
| FRIOR APPLICATION NUMBER: US/09/614,847
| PRIOR FILING DATE: 12000-07-12
| PRIOR APPLICATION NUMBER: US/09/614,847
| PRIOR APPLICATION NUMBER: US 60/143,591
| PRIOR FILING DATE: 1999-07-13
| SOFTWARE: PERENTE US: 12000-07-12
| PRIOR FILING DATE: 1999-07-13
| SOFTWARE: PERENTE US: 12000-07-12
| PRIOR FILING DATE: 1999-07-13
| SOFTWARE: PERENTE US: 12000-07-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ch 100.0%; Score 122; DB 9; Length 29; I Similarity 100.0%; Pred. No. 7.4e-12; 24; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
100.0%; Score 122; DB 16;
Best Local Similarity 100.0%; Pred. No. 7.1e-12;
Matches 24; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 FTSDVSSYLEGOAAKBFIAWLVKG 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         4 FTSDVSSYLEGQAAKBFIAWLVKG 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 FISDVSSYLEGGAAKEFIAWLVKG 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  4 FTSDVSSYLEGQAAKEFIAWLVKG 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
Matches 24; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; TYPE: PRT
; ORGANISM: mammalian
US-09-851-738-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 14
US-09-805-507-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-851-738-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQ ID NO 5
LENGIH: 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ò
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  음
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ઠે
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         셤
```

ö

Gaps

ö

Indels

Length 29;

```
ö
US-09-89-804-5
; Sequence 5, Application US/09859804
; Patent No. US20020107206A1
; GENERAL INFORMATION:
; APPLICANT: COLIDER, THOMAS R.
; APPLICANT: COLIDER, MARIO
; TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
; TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
; TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
; TITLE OF INVENTION: TREATMENT US/09/859,804
; CURRENT FILING DATE: 2001-05-18
; PRIOR PAPLICATION NUMBER: 60/205,239
; PRIOR FILING DATE: 2000-05-19
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: Patentin Ver: 2.1
; SEQ ID NO 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; OTHER INFORMATION: Description of Unknown Organism: Truncated form; CTHER INFORMATION: of GLP-1
US-09-859-804-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 29;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
100.0%; Score 122; DB 9;
Best Local Similarity 100.0%; Pred. No. 7.4e-12;
Matches 24; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             4 FTSDVSSYLEGQAAKBIAWLVKG 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 FISDVSSYLEGOAAKEFIAWLVKG 24
```

; Sequence 5, Application US/09805507; Patent No. US20020098195Al; GENERAL INFORMATION:

```
Sequence 6, Appliagemence 7, Appliagemence 7, Appliagemence 6, Appliagemence 7, Appliagemence 52, Appli
                                                                                               Appli
Appli
Appli
Appli
Appli
Appli
Appli
Appli
Appli
Appli
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 118, 75, 890 sequence 5, App Sequence 24, App Sequence 5, Ap
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 4, 2
Sequence 1, A
Sequence 3, A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence
                                                                                                   Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Lambert, William J.

Qi, Hong
Gelfand, Robert A.
Geoghegan, Kieran F.
Geoghegan, Kieran F.
Janley, Dennis E.
INVENTION: Prolonged Delivery of Peptides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 20th Floor
US-09-943-084-4
US-09-943-084-2
US-09-943-084-2
US-09-943-084-3
PCT-USO2-13088-6
US-09-85-130-6
US-09-85-121-6
US-09-95-0211-6
US-09-95-0211-6
US-09-95-0211-6
US-09-95-0211-6
US-09-95-0211-6
US-09-95-0211-6
US-09-95-0211-6
US-09-95-0211-6
US-09-95-021-6
US-09-95-021-6
US-09-95-021-6
US-09-95-021-6
US-08-36-138-5
US-08-36-13-8
US-09-95-20-8
US-09-95-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ALIGNMENTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: U.S.A.
ZIP: 10017-5755
COMPUTER READABLE FORM:
WEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Street,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSER: Pizer Inc
STREET: 235 East 42nd St
CITY: New York
STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 4, Application US/09943084
GENERAL INFORMATION:
APPLICANT: Kim, Yesook
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 8
                                                                                                                                                                                                                                                                                                                                                                                                                             000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-09-943-084-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 1
                    3, 2004, 00:22:02; Search time 153.839 Seconds (without alignments) 152.272 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Description
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Pending Patents AA Main:*

1: /cgn2 6/ptodata/2/paa/USO6 COMB.pep:*

2: /cgn2 6/ptodata/2/paa/USO6 COMB.pep:*

3: /cgn2 6/ptodata/2/paa/USO3 COMB.pep:*

5: /cgn2 6/ptodata/2/paa/USO3 COMB.pep:*

6: /cgn2 6/ptodata/2/paa/USO3 COMB.pep:*

6: /cgn2 6/ptodata/2/paa/USO3 COMB.pep:*

7: /cgn2 6/ptodata/2/paa/USO3 COMB.pep:*

8: /cgn2 6/ptodata/2/paa/USO3 COMB.pep:*

9: /cgn2 6/ptodata/2/paa/USO3 COMB.pep:*

10: /cgn2 6/ptodata/2/paa/USO3 COMB.pep:*

11: /cgn2 6/ptodata/2/paa/USO3 COMB.pep:*

12: /cgn2 6/ptodata/2/paa/USO3 COMB.pep:*

13: /cgn2 6/ptodata/2/paa/USO3 COMB.pep:*

14: /cgn2 6/ptodata/2/paa/USO3 COMB.pep:*

15: /cgn2 6/ptodata/2/paa/USO3 COMB.pep:*

16: /cgn2 6/ptodata/2/paa/USO3 COMB.pep:*

17: /cgn2 6/ptodata/2/paa/USO3 COMB.pep:*

18: /cgn2 6/ptodata/2/paa/USO3 COMB.pep:*

19: /cgn2 6/ptodata/2/paa/USO3 COMB.pep:*

10: /cgn2 6/ptodata/2/paa/USO3 COMB.pep:*

11: /cgn2 6/ptodata/2/paa/USO3 COMB.pep:*

12: /cgn2 6/ptodata/2/paa/USO3 COMB.pep:*

13: /cgn2 6/ptodata/2/paa/USO3 COMB.pep:*

14: /cgn2 6/ptodata/2/paa/USO3 COMB.pep:*

15: /cgn2 6/ptodata/2/paa/USO3 COMB.pep:*

16: /cgn2 6/ptodata/2/paa/USO3 COMB.pep:*

17: /cgn2 6/ptodata/2/paa/USO3 COMB.pep:*

18: /cgn2 6/ptodata/2/paa/USO3 COMB.pep:*

19: /cgn2 6/ptodata/2/paa/USO3 COMB.pep:*

10: /cgn2 6/ptodata/2/paa/USO3 COMB.pep:*

11: /cgn2 6/ptodata/2/paa/USO3 COMB.pep:*

12: /cgn2 6/ptodata/2/paa/USO3 COMB.pep:*

13: /cgn2 6/ptodata/2/paa/USO3 COMB.pep:*

14: /cgn2 6/ptodata/2/paa/USO3 COMB.pep:*

15: /cgn2 6/ptodata/2/paa/USO3 COMB.pep:*

16: /cgn2 6/ptodata/2/paa/USO3 COMB.pep:*

17: /cgn2 6/ptodata/2/paa/USO3 COMB.pep:*

18: /cgn2 6/ptodata/2/paa/USO3 COMB.pep:*
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               6019581
                                                   GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
```

SUMMARIES

Query Match Length DB

Score

No. Result

hits satisfying chosen parameters: 6019581 seqs, 976053577 residues

οĘ

Total number

Searched:

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

Database

Minimum DB seq length: 0 Maximum DB seq length: 2000000000

24

US-09-943-084-4 122 1 FTSDVSSYLEGQAAKEFIAWLVKG

Title: Perfect score:

Sequence:

Gapop 10.0 , Gapext 0.5

BLOSUM62

Scoring table:

protein search, using sw model

1

OM protein

July

Run on:

Appl

```
ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 26;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Qi, Hong
Gelfand, Robert A.
Geoghegan, Kieran P.
Danley, Dennis E.
TITLE OF INVENTION: Prolonged Delivery of Peptides
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESSE:
ADDRESSEE: Pfizer Inc
STREET: 215 East 42nd Street, 20th Floor
Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
100.0%; Score 122; DB 24;
Best Local Similarity 100.0%; Pred. No. 2.1e-11;
Matches 24; Conservative 0; Mismatches 0;
                                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/181,655
ATTORNEY/AGENT INFORMATION:
NAME: Sheyka, Robert F.
REGISTRATION NUMBER: 31,304
REFRENCE/OCKET NUMBER: PC8391
TELEPHONE: (212)573-1899
TELEPHONE: (212)573-1899
                                           CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/943,084
FILING DATE: 31.Aug-2001
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-09-943-084-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STATE: New York
COUNTRY: U.S.A.
ZIP: 10017-5755
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 PTSDVSSYLEGGAAKEFIAWLVKG 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 FTSDVSSYLEGOAAKEFIAWLVKG 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO: 2:
INFORMATION FOR SEQ ID NO: 2:
IENGTH: 31 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Ablicant: Kim, Yesook
Lambert, William J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: N/A
STRAIN: N/A
INDIVIDUAL ISOLATE: N/A
HAPLOTYPE: N/A
CELL LINE: N/A
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CHROMOSOME/SEGMENT: N/A MAP POSITION: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 3, Application US/09943084
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LIBRARY: N/A CLONE: N/A POSITION IN GENOME:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 3
US-09-943-084-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Š
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gape
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
100.0%; Score 122; DB 24; Length 24;
Best Local Similarity 100.0%; Pred. No. 1.9e-11;
Matches 24; Conservative 0; Mismatches 0; Indels 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 2, Application US/09943084

Sequence 2, Application US/09943084

GENERAL INFORMATION:

Lumbert, William J.

Lumbert, William J.

Lumbert, William J.

Lumbert, William J.

Colfand, Robert A.

Geoffeand, Rieran F.

TITLE OF INVENTION: Prolonged Delivery of Peptides

NUMBER OF SEQUENCES: 7

CORRESPONDENCE ADDRESS:

ADDRESSES: Pfizer Inc

STREET: 235 East 42nd Street, 20th Floor

CITY: New York

STRATE: New York

STRATE: New York
                    PatentIn Release #1.0, Version #1.25
                                           CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/943,084
FILING DATE: 31-Aug_2001
CLASSIFICATION: «Unknown>
PRIOR APPLICATION NUMBER: US/08/181,655
APPLICATION NUMBER: US/08/181,655
ATTORNEY/AGENT INFORMATION:
NAME: Sheyka, Robert F.
RAGISTRATION NUMBER: 31,304
REFERENCE/DOCKET NUMBER: PC8391
TELEFRANICATION INFORMATION:
TELEFRANICATION INFORMATION:
TELEFRANICATION INFORMATION:
TELEFRANICATION:
TELEFRANICATION (212)573-1189
TELEFRANICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: amino acid
STRANDEDNESS: single
TYPE: populogy: linear
MOLECTIA TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: N/A
INDIVIDUAL ISOLATE: N/A
HALOTYPE: N/A
IMMEDIATE SOURCE:
LINE: N/A
IMMEDIATE SOURCE:
CLONE: N/A
CLONE: N/A
CLONE: N/A
POSITION IN GENOME:
CHROMOSORS/SEGART: N/A
MAP POSITION: N/A
SEQUENCE DESCRIPTION: SEQ ID NO: 4:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY: U.S.A.
ZIP: 10017-5755
COMPUTER READABLE FORM:
MEDIUW TYPE: Floppy disk
CMPUTER: IBM PC compatible
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 FISDVSSYLEGORAKEFIAWLVKG 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 2
US-09-943-084-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-09-943-084-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
```

ठ g

```
RESULT 5
US-09-646-433-6
US-09-646-433-6
Sequence 6 Application US/09646433
GENERAL INPORMATION:
APPLICANT: Gode, Burkhard
APPLICANT: Schirra, Jorg
TITLE OF INVENTION: HUMAN APPETITE CONTROL BY GLUCAGON-LIKE PEPTIDE RECEPTOR BINDIN
FILE REPRENCE: POSS93US1
CURRENT FILING DATE: 2002-10-15
PRIOR APPLICATION NUMBER: US/09/646,433
CURRENT FILING DATE: 2000-03-14
PRIOR PILING DATE: 2000-03-14
PRIOR PILING DATE: 1999-03-16
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin version 3.1
SEQ ID NO 6
SEQ ID NO 6
SEQ ID NO 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Septiment 6, Application US/09719410

| Sequence 6, Application US/09719410
| GENERAL INFORMATION:
| APPLICANT: Goke, Burkhard
| APPLICANT: Byrne, Maria
| TITLE OF INVENTION: Glucagon-Like Peptide-1 Improves the Ability of the
| TITLE OF INVENTION: Becal to Sense and Respond to Glucose in Subjects with
| TITLE OF INVENTION: Impaired Glucose Tolerance
| TITLE OF INVENTION: Impaired Glucose Tolerance
| TITLE OF INVENTION: DATE: 2000-12-12
| CURRENT APPLICATION NUMBER: PCT/US99/10040
| PRIOR FILING DATE: 1999-05-07
| NUMBER OF SEQ ID NOS: 13
| SOFTWARE: Patentin Ver. 2.0
| SEQ ID NO 6
| LENGTH: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; OTHER INFORMATION: Description of Unknown Organism: Truncated form of GLP-1
US-09-646-433-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gape
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ô
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
100.0%; Score 122; DB 21;
Best Local Similarity 100.0%; Pred. No. 2.3e-11;
Matches 24; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
100.0%; Score 122; DB 20;
Best Local Similarity 100.0%; Pred. No. 2.3e-11;
Matches 24; Conservative 0; Mismatches 0;
    24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 FTSDVSSYLEGGAAKEFIAWLVKG 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 FTSDVSSYLEGQAAKEFIAWLVKG 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Prebvestleggareflamlyke 27
                                          4 FISDVSSYLEGGAAKEFIAWLVKG 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  // Sequence 6, Application US/09851738
// GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT
GRGANISM: mammalian
US-09-719-410-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT
ORGANISM: Unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 6
US-09-719-410-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 7
US-09-851-738-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ð
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ઠ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            a
                                       임
       õ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 6, Application PC/TUS0213088
GENERAL INFORMATION:
APPLICANT: Restoragen, Inc.
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TREATING CONDITIONS ASSOCIATED WITH
TITLE OF INVENTION: RESISTANCE
FILE REFERENCE: RGN-3
CURRENT APPLICATION NUMBER: PCT/US02/13088
CURRENT APPLICATION NUMBER: PCT/US02/13088
CURRENT APPLICATION NUMBER: PCT/US02/13088
CURRENT APPLICATION NUMBER: DO02-04-24
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ô
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 26;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 100.0%; Score 122; DB 1; Length 28; Best Local Similarity 100.0%; Pred. No. 2.3e-11; Matches 24; Conservative 0; Mismatches 0; Indels
OPERATING SYSTEM: PC-DOS/MS-DOS
SOCTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US/09/943,084
FILING DATE: 31-Aug-2001
CLASSIFCATION: «Unknown»
PRIOR APPLICATION DATA:
APPLICATION DATA:
RAPLICATION DATA:
ATTORNEY AGENT INFORMATION:
NAME: Sheyka, Robert F.
NAME: Sheyka, Robert F.
NAME: Sheyka, Robert F.
REDISTRATION NUMBER: 31.304
REFERENCE/DOCKET NUMBER: PC8391
TELLERAK: (212) 573-1189
TELLERAK: (212) 573-1189
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 100.0%; Score 122; DB 24; Best Local Similarity 100.0%; Pred. No. 2.1e-11; Matches 24; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE DESCRIPTION: SEQ ID NO: 3:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2 PTSDVSSYLEGQAAKEFIAWLVKG 25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 FISDVSSYLEGGAAKEFIAMLUKG 24
                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO: 3:
LENGTH: 30 amino acids
TYPE: period
TYPE: peptide
HYPOTHETICK: NO
ANTI-SENSE: NO
FRAGGENT TYPE: peptide
FRAGGENT TYPE: N-cerminal
ORGANISM: N/A
INDIVIDUAL ISOLATE: N/A
INDIVIDUAL ISOLATE: N/A
IMMEDIATE SOURCE:
TYPENSE: N/A
IMMEDIATE SOURCE:
TYPENSE: N/A
IMMEDIATE SOURCE:
TYPENSE: N/A
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CHROMOSOMB/SEGMENT: N/A MAP POSITION: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LIBRARY: N/A
CLONE: N/A
POSITION IN GENOME:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
CORGANISM: mammalian
PCT-US02-13088-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               UNITS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ULT 4
-US02-13088-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-943-084-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQ ID NO 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     à
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             셤
```

```
Sequence 6, Application US/09953021B

GENERAL INFORMATION:
GENERAL INFORMATION:
FULL APPLICANT: Coolidge, Thomas L.
APPLICANT: Coolidge, Thomas L.
TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of Is
TITLE OF INVENTION: Reperfused Skeletal Muscle Tissue
FILE REPERENCE: P035660US6
CURRENT APPLICATION NUMBER: US/09/953,021B
FILE REPERENCE: P03660US6
CURRENT APPLICATION NUMBER: 09/302,596
PRIOR APPLICATION NUMBER: 09/302,596
PRIOR PILING DATE: 1999-04-30
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 6
LENGHH: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0
                                                                                                                                                                                                                                                                                                                                                                                                      ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 11
US-09-982-978-6

$ Sequence 6, Application US/09982978

$ Sequence 6, Application US/09982978

$ GENERAL INFORMATION:

APPLICANT: COLLIDGE, THOMAS R.

APPLICANT: EHLERS, MARIO

TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1

TITLE OF INVENTION: 1782ATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1

TITLE REFERENCE: 208187/0395

CURRENT FILING DATE: 2001-10-22

PRIOR APPLICATION NUMBER: 09/859,804

PRIOR APPLICATION NUMBER: 09/859,804

PRIOR PILING DATE: 2000-05-19

NUMBER OF SEQ ID NOS: 13

SOFTWARE: PATENTING DATE: 2000-05-19

SOFTWARE: PATENTING DATE: 2000-05-19

LENGTH: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CTHER INFORMATION: Description of Unknown Organism: Truncated form; OTHER INFORMATION: of GLP-1
US-09-982-978-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 28;
                                                                                                                                                                                                                                                                                                                  28;
                                                                                                                                                                                                                                                                                                             Length
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Indels
                                                                                                                                                                                                                                                                                                                                                                                                                Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               100.0%; Score 122; DB 25;
ilarity 100.0%; Pred. No. 2.3e-11;
Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                             Ch 100.0%; Score 122; DB 25; Similarity 100.0%; Pred. No. 2.3e-11; 24; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 FISDVSSYLEGORAKEFIAWLVKG 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       4 FTSDVSSYLEGGAAKBFIAMLVKG 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 FISDVSSYLEGGAAKEFIAWLVKG 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     4 FTSDVSSYLEGGAAKEFIAWLVKG 27
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 6
LENGTH: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
ORGANISM: Unknown Organism
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
Matches 24; Conserv
                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
Matches 24; Conserv
                                                                                                                                                                                       ; ORGANISM: mammalian
US-09-953-021-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-953-021B-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 10
US-09-953-021B-6
                                                                                                                                          TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ð
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            셤
              APPLICANT: Coolidge, Thomas R.

APPLICANT: Enlers, Mario R.W.

TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of INTEL OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of INTEL OF INVENTION: Ischemic and Reperfused Tissue

TITLE OF INVENTION: Ischemic and Reperfused Tissue

TITLE OF INVENTION: Ischemic and Reperfused Tissue

CURRENT APPLICATION NUMBER: US/09/851,738

CURRENT PILING DATE: 2001-05-09

PRIOR FILING DATE: 1999-04-30

NUMBER OF SEQ ID NOS: 13

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 6

LENGTH: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENUERAL INFORMATION:
GENUERAL INFORMATION:
GENUERAL INFORMATION:
APPLICANT: COCLIDGE, THOMAS R.
TAPLICANT: COLLIDGE, THOMAS R.
TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLD-1
TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLD-1
GURRENT PAPLICATION NUMBER: 05/09/859,804
CURRENT PILING DATE: 2001-05-19
FRIOR PAPLICATION NUMBER: 60/205,239
FRIOR FILING DATE: 2000-05-19
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PATENTED TOWN VOI: 2.1
SEQ ID NO 6
FROM THE TOWN OF TREATMENT OF TREATME
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 9
103-09-533-021-6
103-09-533-021-6
103-09-533-021-6
103-09-533-021-6
103-09-533-021-6
103-09-533-021-6
103-09-533-021-6
103-09-533-021-6
103-09-533-021-6
103-09-533-021-6
103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-09-103-0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CTHER INFORMATION: Description of Unknown Organism: Truncated form; OTHER INFORMATION: of GLP-1
US-09-859-804-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 28,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 100.0%; Score 122; DB 23; Best Local Similarity 100.0%; Pred. No. 2.3e-11; Matches 24; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 100.0%; Score 122; DB 23; Best Local Similarity 100.0%; Pred. No. 2.3e-11; Matches 24; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 FTSDVSSYLEGQAAKEFIAWLVKG 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                4 FTSDVSSYLEGQAAKEFIAWLVKG 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           4 FTSDVSSYLEGQAAKBFIAWLVKG 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 FISDVSSYLEGOAAKBFIAWLVKG 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Unknown Organism
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: PRT
CORGANISM: mammalian
US-09-851-738-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 8
US-09-859-804-6
```

TYPE: PRT

ò g FEATURE:

셤 ଟ

Length 28;

Score 122; DB 25; Pred. No. 2.3e-11;

100.0%;

Query Match Best Local Similarity

NUMBER OF SEQ ID NOS: 13

```
Truncated form of GLP-1
                                                                                                                                                                                                                                                                                                                     FRATURE:
CHER INFORMATION: Description of Artificial Sequence: GLP-1(9-36) (Human) US-10-291-226-125
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: ELICANISM AND APPLICANISM AND APPLICANISM AND APPLICANISM APPLICATION NUMBER: US/10/322,839
CURRENT APPLICATION NUMBER: US/09/859,804
PRIOR PELLING DATE: 2001-05-18
PRIOR PILLING DATE: 2001-05-19
PRIOR PILLING DATE: 2000-05-19
PRIOR PILLING DATE: 2000-05-19
NUMBER: PACOLING DATE: 2000-05-19
NUMBER: PACOLING DATE: 2000-05-19
SOFTWARE: PACOLING DATE: 2000-05-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; OTHER INFORMATION: Description of Unknown Organism: US-10-322-839-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 100.0%; Score 122; DB 29; Best Local Similarity 100.0%; Pred. No. 2.3e-11; Matches 24; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     DB 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
100.0%; Score 122; DB 28;
Best Local Similarity 100.0%; Pred. No. 2.3e-11;
Matches 24; Conservative 0; Mismatches 0;
PRIOR APPLICATION NUMBER: US/09/614,847
PRIOR FILING DATE: 12000-07-12
PRIOR PELING DATE: 12000-07-13
PRIOR FILING DATE: 1999-07-13
NUMBER OF SEQ ID NOS: 153
SEG ID NO 125
LENGTH: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                4 FTSDVSSYLEGQAAKEFIAWLVKG 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Search completed: July 3, 2004, 00:46:14 Job time: 154.839 secs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 FISDVSSYLEGGAAKEFIAWLVKG 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 FTSDVSSYLEGGAAKEFIAWLVKG 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; Sequence 6, Application US/10322839; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                    TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
ORGANISM: Unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQ ID NO 6
LENGTH: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FRATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  셤
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           吕
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ਨੇ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        à
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 6, Application US/10091258
GENERAL INPORMATION:
GENERAL INPORMATION:
APPLICANT: Hathaway, David R
APPLICANT: Coolidge, Thomas R
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING PERIPHERAL VASCULAR DISEASE
FILE REFERENCE: RGN-2
CURRENT APPLICATION NUMBER: US/10/091,258
CURRENT FILEM DAYE: 2002-03-05
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                              Sequence 6, Application US/10055259
GENERAL INFORMATION:
APPLICANT: Holst, Jens J.
APPLICANT: Holst, Jens J.
APPLICANT: Holstoll, Tina
TITLE OF INVENTION: GLP-1 AS A DIAGNOSTIC TEST TO DETERMINE Beta-CELL FUNCTION AND TH
FILE REFERENCE: P03987US1
CURRENT APPLICATION NUMBER: US/10/055,259
CURRENT APPLICATION NUMBER: US/10/055,259
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ò
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ö
           Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
              ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ..
0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ô
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Larsen, Bjarne Due
APPLICANT: Larsen, Jens Mollgaard
APPLICANT: Mikkelsen, Jens Mollgaard
APPLICANT: Neve, Sorner, Strucker, 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Indels
              Indels
              ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
100.0%; Score 122; DB 26;
Best Local Similarity 100.0%; Pred. No. 2.3e-11;
Matches 24; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             DB 26;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 100.0%; Score 122; D
Best Local Similarity 100.0%; Pred. No. 2.3
Matches 24; Conservative 0; Mismatches
           0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               4 FTSDVSSYLEGOAAKEFIAWLVKG 27
                                                                                                                       FTSDVSSYLEGGAAKEFIAWLVKG 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 FTSDVSSYLEGQAAKEFIAWLVKG 24
                                                                                  FISDVSSYLEGOAAKEFIAWLVKG 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 FTSDVSSYLEGQAAKEFIAWLVKG 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 125, Application US/10291226 GENERAL INFORMATION:
           24; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Homo sapiens
US-10-055-259-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: mammalian
US-10-091-258-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 14
US-10-291-226-125
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQ ID NO 6
LENGTH: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQ ID NO 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT
           Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ò
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                d
                                                                                  à
                                                                                                                                                 G
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ð
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         a
```

ó

```
14, Appl
4, Appli
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1, Appli
44, App
28, App
74, App
75, App
78, App
0, Appl
, Appl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Appli
Appli
Appli
Appli
Appl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 125, App
Sequence 24, Appl
                                                                   July 3, 2004, 00:25:27; Search time 11.3292 Seconds (without alignments) 105.442 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 1, App
Sequence 3, App
Sequence 4, App
Sequence 112, App
Sequence 112,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 8, A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 774,
Sequence 775,
Sequence 778,
Sequence 90,
Sequence 14, A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 114,
Sequence 698,
Sequence 1806
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 24,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Description
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence
                                                                                                                                                                                                                                                                                                                                      Pending_Patents_AA_New:*

| cgn2_6/ptodata/2/paa/USO6_NEW_COMB.pep:*
| cgn2_6/ptodata/2/paa/USO6_NEW_COMB.pep:*
| cgn2_6/ptodata/2/paa/USO8_NEW_COMB.pep:*
| cgn2_6/ptodata/2/paa/USO8_NEW_COMB.pep:*
| cgn2_6/ptodata/2/paa/USO8_NEW_COMB.pep:*
| cgn2_6/ptodata/2/paa/USO8_NEW_COMB.pep:*
| cgn2_6/ptodata/2/paa/USO8_NEW_COMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-10-291-226A-125

US-10-716-296-24

US-10-716-306-24

US-10-716-306-24

US-10-24-14-14

PCT-USO4-04421-728

PCT-USO4-04421-774

PCT-USO4-04421-775

PCT-USO4-04421-775

PCT-USO4-04421-775

PCT-USO4-04421-775

PCT-USO4-04421-776

PCT-USO4-04421-776

PCT-USO4-04421-778

PCT-USO4-04421-778

PCT-USO4-04421-778

PCT-USO4-04421-778

PCT-USO4-04662-90

US-10-9-716-166-14

US-10-291-226A-87

US-10-291-226A-87

US-10-291-226A-113
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-10-775-180-698
US-10-775-204-1808
                                                                                                                                                                                                                              Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                      327902 segs, 49773865 residues
                                                                                                                   US-09-943-084-4
122
1 FTSDVSSYLEGQAAKEFIAWLVKG 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SUMMARIES
                                                                                                                                                                                                                                                                                       Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                              - protein search, using sw model
                                                                                                                                                                   BLOSUM62
Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                       Minimum DB seq length: 0
Maximum DB seq length: 2000000000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query
Match Length
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1000.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Perfect score:
                                                                                                                                                                    Scoring table:
                                              OM protein
                                                                                                                                              Sequence:
                                                                                                                                                                                                       Searched:
                                                                                                                                                                                                                                                                                                                                          Database
                                                                     Run on:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Result
No.
```

Sequence 25, Appl	Sequence 1, Appli	Sequence 48, Appl	Sequence 776, App	Sequence 32, Appl	Sequence 91, Appl	Sequence 92, Appl	Sequence 94, Appl	Sequence 1, Appli	Sequence 13, Appl	Sequence 8, Appli	Sequence 3, Appli	Sequence 111, App	Sequence 123, App	Sequence 124, App	Sequence 1, Appli	Sequence 2, Appli	Sequence 17, Appl	Sequence 27, Appl	
US-10-715-976-25	US-10-741-534-1	US-60-549-567-48	PCT-US04-04421-776	PCT-US04-06462-32	PCT-US04-06462-91	PCT-US04-06462-92	PCT-US04-06462-94	PCT-US04-06082-1	US-09-716-166-13	US-10-485-140-8	US-10-485-619-3	US-10-291-226A-111	US-10-291-226A-123	US-10-291-226A-124	US-10-486-333-1	US-10-723-099A-2	US-10-723-099A-17	US-10-723-099A-27	
9	Q	7	Н	-	Н	Н	Н	Н	'n	9	9	9	9	9	9	9	ø	9	
30	30	30	31	31	31	31	31	31	31	31	31	31	31	31	33	31	31	31	
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	122	
27	28	29	30	31	32	33	34	32	36	37	38	გ	40	4	42	43	4	45	

ALIGNMENTS

```
) OTHER INFORMATION: Description of Artificial Sequence: GLP-1(9-36) (Human) US-10-291-226A-125
                                                                       APPLICANT: Larsen, Bjarne Due
APPLICANT: Mikkelsen, Jens Mollgaard
APPLICANT: Mikkelsen, Jens Mollgaard
APPLICANT: Mikkelsen, Jens Mollgaard
TITLE OF INVENTION: NOVEL PEPTIDE AGONISTS OF GLP-1 ACTIVITY
FILE REPRENCE: 55511(45487)
CURRENT APPLICATION NUMBER: US/10/291,226A
CURRENT APPLICATION NUMBER: US 60/143,591
PRIOR PILING DATE: 1999-07-13
PRIOR FILING DATE: 1999-07-13
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 125
LENGTH: 28
                     ; Sequence 125, Application US/10291226A; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT
ORGANISM: Artificial Sequence
US-10-291-226A-125
```

4 PTSDVSSYLEGQAAKEFIAWLVKG 27 FTSDVSSYLEGQAAKRFIAWLVKG 24 Query Match
Best Local Similarity 100...
Loca 24; Conservative

ö

Gaps

ö

Length 28; Indels

100.0%; Score 122; DB 6; 100.0%; Pred. No. 4.2e-12; tive 0; Mismatches 0;

RESULT 2 US-10-716-326-24 셤

Sequence 24, Application US/10716326
Sequence 24, Application US/10716326
GENERAL INFORMATION:
APPLICANT: Genzyme Corporation
APPLICANT: Armentano, Donna
APPLICANT: Armentano, Donna
APPLICANT: Parsons, Geoffrey
TITLE OF INVENTION: Methods of Treating Diabetes and Other Blood Sugar Disorders
TITLE OF INVENTION WHERER: US/10/716,326
CURRENT APPLICANTON NUMBER: US/10/716,326
CURRENT FILING DATE: 2003-11-17
PRIOR FILING DATE: 2003-08-07
PRIOR PLING DATE: 2001-08-08
PRIOR PLING DATE: 2001-08-08
PRIOR PLING DATE: 2001-08-08

Sequence 1 Sequence 4 Sequence 5

```
6 FTSDVSSYLEGQAAKEFIAWLVKG 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               6 FISDVSSYLEGGAAKEFIAWLVKG 29
                                                                                                                                                                                                                                                                                     1 FISDVSSYLEGOAAKEFIAWLVKG 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: c-term amidation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 PTSDVSSYLEGORAKEFIAWLVKG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT
ORGANISM: Artificial Sequence
PatentIn version 3.2
                                                                 TYPE: PRT
ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LOCATION: (30)..(30)
OTHER INFORMATION: D-Arg
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Local Similarity
nes 24; Conserv
                                                                                                                                                                                              Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE:
NAME/KEY: MOD RES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PCT-US04-04421-344
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PCT-US04-04421-728
SOFTWARE: Pai
SEQ ID NO 8
LENGTH: 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Best Loc
Matches
                                                                                                                                                                                                                                           Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ò
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ద
                                                                                                                                                                                                                                                                                        Š
                                                                                                                                                                                                                                                                                                                                g
                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 3
US-10-715-976-24
Sequence 24, Application US/10715976
Sequence 24, Application US/10715976
GENERAL INPORMATION:
APPLICANT: Wadsworth, Samuel
APPLICANT: Wadsworth, Samuel
APPLICANT: Paraons, Dorna
APPLICANT: Paraons, Geoffrey
TITLE OF INVENTION: Methods of Treating Diabetes and Other Blood Sugar Disorders
FILE REFERENCE: 5121
CURRENT APPLICATION NUMBER: US/10/715,976
CURRENT FILING DATE: 2003-11-17
NUMBER OF SEQ ID NOS: 54
SOFTWARE: Patentin version 3.2
                                                                                                                                                                                                                                                                     ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ö
                                                                                                                                                                                                                                                                     Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
                                                                                                                                                                                                                                                                     ő
                                                                                                                                                                                                                          Length 29;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 29;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: SADEGIT, Homayoun
APPLICANT: SADEGIT, Homayoun
APPLICANT: TURNER, Andrew J.
APPLICANT: TURNER, Andrew J.
TITLE OF INVENTION: WODIFIED TRANSFERRIN FUSION PROTEINS
FILE REFERENCE: 54710-5011-PR
CURRENT APPLICATION WURGER: US/60/549,567
CURRENT FILING DATE: 2004-03-04
PRIOR PELICATION NUMBER: US 60/315,745
PRIOR PELICATION NUMBER: US 60/314,059
PRIOR PELING DATE: 2001-08-30
PRIOR APPLICATION NUMBER: US 10/231,494
PRIOR PILING DATE: 2002-08-30
PRIOR FILING DATE: 2002-08-30
PRIOR FILING DATE: 2002-08-30
PRIOR PILING DATE: 2002-08-30
                                                                                                                                                                                                                                                                  Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE:

) OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (7-35)

(US-10-715-976-24
                                                                                                                                 FEATURE:
; OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (7-35)
US-10-716-326-24
                                                                                                                                                                                                                      Query Match 100.0%; Score 122; DB 6; Best Local Similarity 100.0%; Pred. No. 4.3e-12; Matches 24; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ch 100.0%; Score 122; DB 6; Similarity 100.0%; Pred. No. 4.3e-12; 24; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        6 FTSDVSSYLEGGAAKEPIAWLVKG 29
                                                                                                                                                                                                                                                                                                                                              6 FTSDVSSYLEGGAAKEFIAWLVKG 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 FISDVSSYLEGGAAKEFIAWLVKG 24
                                                                                                                                                                                                                                                                                                               1 FISDVSSYLEGOAAKEFIAWLVKG 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 8, Application US/60549567
GENERAL INFORMATION:
    NUMBER OF SEQ ID NOS: 54
SOFTWARE: Patentin version 3.2
SEQ ID NO 24
LENGIH: 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Artificial Sequence
                                                                                         TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Best Local Similarity
Matches 24; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-60-549-567-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQ ID NO 24
LENGTH: 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       셤
                                                                                                                                                                                                                                                                                                                  ઠે
                                                                                                                                                                                                                                                                                                                                                       g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 8
```

```
OTHER INFORMATION: Description of Artificial Sequence: Synthetic modified hGLP-1 OTHER INFORMATION: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ö
                                                                                                                                                                                                  ö
                                                                                                                                                                                                  Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 728, Application PC/TUSO404421
GENERAL INPORMATION:
GENERAL INPORMATION:
APPLICANT: SOCIENTE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS
APPLICANT: SOCIENTIFIQUES, S.A.S.
APPLICANT: DONG, ZHENG ZIN
TITLE OF INVENTION: ANALOGUES OF GLP-1
FILE REFRENCE: 1299-PCT2
CURRENT FILING DATE: 2004-02-17
NUMBER OF SEQ ID NOS: 781
PRIOR PLILING DATE: 2003-02-19
SOFTWARE: PATENTIC DATE: 2003-02-19
                                                                                                                                                                                                                                                                                                                                                                                                                            PCT-USO4-04421-344

Sequence 344, Application PC/TUSO404421

GENERAL INFORMATION:
APPLICANT: SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS
APPLICANT: SCIENTIFIQUES, S.A.S
APPLICANT: DONG, ZHENG ZIN
TITLE OF INVENTION: AMAGZIN
FILE REFERENCE: 129P-PCT2
CURRENT FILING DATE: 2004-02-17
NUMBER OF SEQ ID NOS: 781
PRIOR APPLICATION NUMBER: 60/449,203
PRIOR PILING DATE: 2003-02-19
SOFTWARE: PALENTING DATE: 2003-02-19
FEATURE:
OTHER INFORMATION: GLP-1 molecule having insulinotropic activity US-60-549-567-8
                                                                                                                                                                                                     ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ô
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 30;
                                                                                                                                          Length 29;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Indels
                                                                                                                                                                                                  Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             100.0%; Score 122; DB 1;
100.0%; Pred. No. 4.5e-12;
tive 0; Mismatches 0;
                                                                                                                                    ch 100.0%; Score 122; DB 7; Similarity 100.0%; Pred. No. 4.3e-12; 24; Conservative 0; Mismatches 0;
```

ö

```
OTHER INFORMATION: Description of Artificial Sequence: Synthetic modified OTHER INFORMATION: hGLP-1 peptide FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PCT-USO4-04421-778
| Sequence 778, Application PC/TUSO404421
| Sequence 778, Application PC/TUSO404421
| Sequence 778, Application PC/TUSO404421
| GENERAL INFORMATION:
| APPLICANT: SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS
| APPLICANT: SCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS
| TITLE OF INVENTIONS ANALOGUES OF GLP-1
| FILE REFERENCE: 129P-PCT2
| CURRENT APPLICATION NUMBER: PCT/USO4/04421
| NUMBER OF SEQ ID NOS: 781
| NUMBER OF SEQ ID NOS: 781
| PRIOR PILING DATE: 2003-02-19
| SOFTWARE: Atentin Version 3.2
| LENGTH: 30
| LENGTH: 30
                                                                                                                                                                                                                                                                                                                                                                   ;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 30;
                                                                                                                                                                                                                                                                                                                         Length 30;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Sadeghi, Homayoun
APPLICANT: Prior, Christopher P.
APPLICANT: Ballance, David J.
TITLE OF INVENTION: Dispetidal peptidase protected proteins
FILE REPERENCE: $4110-5010-WO
CURRENT APPLICATION NUMBER: PCT/USO4/06462
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Indels
                                                                                                                                                                                                                       FRATURE:
CTHER INFORMATION: c-term may or may not be amidated
PCT-US04-04421-775
                                                                                                                                                                                                                                                                                                                       100.0%; Score 122; DB 1;
100.0%; Pred. No. 4.5e-12;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 122; DB 1;
Pred. No. 4.5e-12;
                                                                                                                                                                                                     OTHER INFORMATION: Illustrative hGLP-1(7-36)
                                                                                                                                                                                                                                                                                                                                                                   0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 90, Application PC/TUS0406462
GENERAL INPORMATION:
APPLICANT: BioRexis Pharmaceutical Corp.
APPLICANT: Sadeghi, Homayoun
                                                                                                                                                                                                                                                                                                                                                                                                                                                  6 PISDVSSYLEGOAAKEFIAWLVKG 29
                                                                                                                                                                                                                                                                                                                                                                                                                  1 PISDVSSYLEGQAAKEFIAWLVKG 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 FTSDVSSYLEGQAAKEFIAMLVKG 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FISDVSSYLEGOAAKEFIAWLVKG 29
NUMBER OF SEQ ID NOS: 781
PRIOR APPLICATION NUMBER: 60/449,203
PRIOR FILING DATE: 2003-02-19
SOFTWARE: PatentIn version 3.2
LENGTH: 30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: c-term amidation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       100.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: MOD_RES
LOCATION: (1):.(1)
CTHER INFORMATION: Twa-His
PCT-US04-04421-778
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 100.'
Matches 24, Conservative
                                                                                                                                                                                                                                                                                                                                                                      24; Conservative
                                                                                                                                                           ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
Matches 24; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PCT-US04-06462-90
                                                                                                                                       TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 9
                                                                                                                                                                                                                                                                                                                                                                                                                       ò
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 d
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ద
                                                                     FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic modified hGLP-1
OTHER INFORMATION: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: Description of Artificial Sequence: Illustrative synthetic OTHER INFORMATION: modified hGLP-1 peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ö
                                                                                                                                                                                                                                                                                                                                                                        ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
                                                                                                                                                                                                                                                                                                                                                                           Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 7
PCT-USO4-04421-774
FCTUSO4-04421-774
Sequence 774, Application PC/TUSO404421
Sequence 774, Application PC/TUSO404421
SEMERAL INFORMATION:
APPLICANT: SOCIENT BE CONSEILS DE RECHERCHES ET D'APPLICATIONS
APPLICANT: SOCIENTIFOUES, S.A.S
APPLICANT: DONG, ZHENG ZIN
TITLE OF INVERTION: ANALOGUES OF GLP-1
FILE REPERENCE: 129P-PCTZ
CURRENT APPLICATION NUMBER: 60/4421
NUMBER OF SEQ ID NOS: 781
NUMBER OF SEQ ID NOS: 781
SPIOR PILING DATE: 2003-02-19
SSOTUMARE: Patentin version 3.2
LENGTH: 30
                                                                                                                                                                                                                                                                                                                                                                           ;
0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 775, Application PC/TUS0404421
GENERAL INFORMATION:
APPLICANT: SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS
APPLICANT: SCIENTIFIQUES, S.A.S
APPLICANT: SCIENTIFIQUES, S.A.S
APPLICANT: DONG, ZHENG ZIN
TITLE OF INVENTION: ANALOGUES OF GLP-1
FILE REFERENCE: 1299-PGR: PCT/US04/04421
CURRENT APPLICATION NUMBER: 2004-02-17
                                                                                                                                                                                                                                                                                                                         Query Match
100.0%; Score 122; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 4.5e-12;
Matches 24; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 30;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    / Match 100.0%; Score 122; DB 1; Local Similarity 100.0%; Pred. No. 4.5e-12; nes 24; Conservative 0; Mismatches 0:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FISDVSSYEEGQAAKEFIAWLVKG 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                  FTSDVSSYLEGGAAKEFIAWLVKG 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 FISDVSSYLEGQAAKEFIAWLVKG 24
                                                                                                                                                                                                                                                                                                                                                                                                                       1 FISDVSSYLEGOAAKEFIAWLVKG 24
                                                                                                                                                                                                                                                         ; OTHER INFORMATION: c-term amidation PCI-US04-04421-728
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: c-term amidation
                      TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Artificial Sequence
                                                                                                                                                              NAME/KEY: WOD RES
LOCATION: (30)..(30)
OTHER INFORMATION: D-Arg
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LOCATION: (2)...(2)
OTHER INFORMATION: A5c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE:
NAME/KEY: MOD_RES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PCT-US04-04421-774
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PCT-US04-04421-775
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
                                                                                                                                                                                                                                     PEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Best Loc
Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ઠ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    В
                                                                                                                                                                                                                                                                                                                                                                                                                            à
```

```
RESULT 13
US-09-635-679E-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-10-485-140-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ð
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             日
                                                                                                                                                              g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ő
                                                                                                                                                                                                                                                                                                                                                                                                       ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ò
                                                                                                                                                                                                                                                                                                                                                                                                          ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 2, Application PC/TUSO406082
| GENERAL INFORMATION:
| GENERAL INFORMATION:
| APPLICANT: Ell Lilly and Company | TITLE OF INVENTION: Polyethylene Glycol Linked GLP-1 Compounds | TILE OF INVENTION: Polyethylene Glycol Linked GLP-1 Compounds | PILE REFERENCE: X-16020 | CURRENT APPLICATION NUMBER: PCT/USO4/06082 | CURRENT FILING DATE: 2004-03-23 | NUMBER OF SEQ ID NOS: 10 | SOFTWARE: Patentin version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 30;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           WESOUR 12
US-09-716-166-14
Sequence 14. Application US/09716166
Sequence 14. Application US/09716166
Sequence 14. Application US/09716166
APPLICANT Treco, Douglas A.
APPLICANT Treco, Douglas A.
APPLICANT TREOF DURANTON. MICHAEL F.
TITLE OF INVENTION: WICLEIC ACID CONSTRUCT FOR OPTIMIZED
TITLE OF INVENTION: PRODUCTION OF PRODUCTS
FILE OF INVENTION: PRODUCTION OF PRODUCTS
CURRENT APPLICATION NUMBER: US/09/716,166
CURRENT APPLICATION NUMBER: US 60/166,508
PRIOR APPLICATION NUMBER: US 60/166,508
PRIOR PILING DATE: 1999-11-19
NUMBER OF SEQ ID NOS: 14
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Indels
                                                                                                                                                                                                                                                                                                                                                                                                       Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; FEATURE:
; OTHER INFORMATION: synthetically generated polypeptide
US-09-716-166-14
                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 100.0%; Pred. No. 4.5e-12; Matches 24; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 100.0%; Pred. No. 4.5e-12;
Matches 24; Conservative 0; Mismatches 0;
CURRENT FILING DATE: 2004-03-04
PRIOR APPLICATION NUMBER: US 10/378,094
PRIOR FILING DATE: 2003-03-04
PRIOR APPLICATION NUMBER: PCT/US 03/26818
PRIOR FILING DATE: 2003-08-28
NUMBER OF SEQ ID NOS: 119
SOFTWARE: PatentIn version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FISDVSSYLEGGAAKEFIAMLVKG 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 FISDVSSYLEGOAAKEFIAWLVKG 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        6 FISDVSSYLEGOAAKEFIAWLVKG 29
                                                                                                                                                                                                                                                                                    OTHER INFORMATION: ABG modified GLP-1
PCT-US04-06462-90
                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 FISDVSSYLEGQAAKEFIAWLVKG 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Homo sapiens
                                                                                                                                                                                                                                         ORGANISM: artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PCT-US04-06082-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ULT 11
-US04-06082-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQ ID NO 14
LENGTH: 30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQ ID NO 2
LENGTH: 30
                                                                                                                                                                     SEQ ID NO 90
LENGTH: 30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ें
                                                                                                                                                                                                                                                                                                                                                                                                                                                          ð
```

```
Sequence 1, Application US/10485140

Sequence 1, Application US/10485140

GENERAL INFORMATION:
APPLICANT: The Government of the United States of America, as represented by the APPLICANT: Secretary, Department of Health and Human Services
APPLICANT: Greig, Nigel H.
APPLICANT: Egan, Josephine
APPLICANT: Boyle, Maire
APPLICANT: Holloway, Harold
TITLE OF INVENTION: GLP-1, EXENDIN-4, AND PEPTIDE ANALOGS AND USES THEREOF
FILE REFERENCE: 14014,019671;
FILE REFERENCE: 14014,019671;
FILE REFERENCE: 1001-01-27
CURRENT APPLICATION NUMBER: 60/309,076
PRIOR APPLICATION NUMBER: 60/309,076
PRIOR APPLICATION NUMBER: 60/309,076
PRIOR PILING DATE: 2001-07-31
NUMBER OF SEQ ID NOS: 52
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1
LENGTH: 30
TYPE: PRI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ö
                                                                        ö
                                                                        Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0
                                                                                                                                                                                                                                                                                                                                                                                     Sequence 4, Application US/09635679E

Sequence 4, Application US/09635679E

SEQUENCE 4, Application US/09635679E

SEQUENCE 1 INFORMATION:

APPLICANT: Habener, Joel

FILE REPERSENCE: 0609-1090009

CURRENT PLING DATE: 0609-1090009

CURRENT PLING DATE: 1900-08-10

PRIOR PLING DATE: 1908-06-05

PRIOR FLING DATE: 1996-11-03

PRIOR PLING DATE: 1996-11-03

PRIOR APPLICATION NUMBER: 08/156,800

PRIOR APPLICATION NUMBER: 07/756,215

PRIOR APPLICATION NUMBER: 07/756,215

PRIOR APPLICATION NUMBER: 07/32,111

PRIOR PLING DATE: 1990-06-01-26

PRIOR PLING DATE: 1990-06-01-26

PRIOR PLING DATE: 1996-06-01-26

PRIOR APPLICATION NUMBER: 06/859,928

PRIOR APPLICATION NUMBER: 06/859,928
                                                                            ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 30;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 100.0%; Score 122; DB 5; ilarity 100.0%; Pred. No. 4.5e-12; Conservative 0; Mismatches 0;
Query Match
100.0%; Score 122; DB 5;
Best Local Similarity 100.0%; Pred. No. 4.5e-12;
Matches 24; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: insulinotropic peptide US-09-635-679E-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  6 FISDVSSYLEGQAAKEFIAWLVKG 29
                                                                                                                                                                                                    6 FTSDVSSYLEGQAAKEFIAWLVKG 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 FISDVSSYLEGOAAKEFIAWLVKG 24
                                                                                                                                                        1 FTSDVSSYLEGGAAKEFIAWLVKG 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
```

```
RESULT 15

US-10-485-140-3

Sequence 3, Application US/10485140

Sequence 3, Application US/10485140

GENERAL INFORMATION:

APPLICANT: The Government of the United States of America, as represented by the APPLICANT: Secretary, Department of Health and Human Services

APPLICANT: Egan, Josephine

APPLICANT: Ban, Josephine

APPLICANT: Holloway, Harold

TITLE OF INVENTION: GLD-1, EXENDIN-4, AND PEPTIDE ANALOGS AND USES THEREOF

TITLE OF INVENTION UNMER: US/10/485,140

CURRENT PILING DATE: 2004-01-27

PRIOR PELICATION NUMBER: US/10/309,076

PRIOR PELICATION NUMBER: US/0309,076

PRIOR PELICATION NUMBER: 2001-07-31

NUMBER OF SEQ ID NOS: 52

SOFTWARE: FARENCE FARENCE: Mindows Version 4.0

LENGTH: 30
                                                                                                                              ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ö
                                                                                                                              Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ö
                                                                                                                              ó
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: Description of Artificial Sequence:/Note = OTHER INFORMATION: Synthetic Construct
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
100.0%; Score 122; DB 6; Length 30;
Best Local Similarity 100.0%; Pred. No. 4.5e-12;
Matches 24; Conservative 0; Mismatches 0; Indels
                                                                            Length 30;
                                                                                                                              Indels
                                                                          Query Match 100.0%; Score 122; DB 6; Best Local Similarity 100.0%; Pred. No. 4.5e-12; Matches 24; Conservative 0; Mismatches 0;
                                                                                                                                                                          1 PTSDVSSYLEGOAAKEFIAWLVKG 24
                                                                                                                                                                                                                6 FTSDVSSYLEGQAAKEFIAWLVKG 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT
ORGANISM: Artificial Sequence
; ORGANISM: Human
US-10-485-140-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-10-485-140-3
                                                                                                                                                                                  ò
                                                                                                                                                                                                                                셤
```

Search completed: July 3, 2004, 00:47:43 Job time: 12.3292 secs

FISDVSSYLEGGAAKEFIAWLVKG 29

Š

us-09-943-084-5.rai

```
Query Match 100.
Best Local Similarity 100.
Matches 23; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: peptide
IMMEDIATE SOURCE:
CLONE: GLPI (7-34)
 Ž
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-08-095-162-4
                                                                                                                                                                                                                                                        RESULT 1
US-08-095-162-4
 Sequence 9, Appli
Sequence 4, Appli
Sequence 6, Appli
Sequence 5, Appli
Sequence 7, Appli
Sequence 8, Appli
Sequence 6, Appli
Sequence 6, Appli
Sequence 125, Appli
Sequence 6, Appli
Sequence 118, Appli
Sequence 21, Appli
                                                                          July 3, 2004, 00:21:27; Search time 11.8571 Seconds (without alignments) 100.142 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                              Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 9,
Sequence 18,
Sequence 5,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Description
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 1
Sequence 5
Sequence 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence
Sequence
Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence
                                                                                                                                                                                                                                                                                                                                1: /cgm2_6/pcodata/2/iaa/5A_COMB.pep:*
2: /cgm2_6/ptodata/2/iaa/5B_COMB.pep:*
3: /cgm2_6/ptodata/2/iaa/6A_COMB.pep:*
4: /cgm2_6/ptodata/2/iaa/6B_COMB.pep:*
5: /cgm2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
6: /cgm2_6/ptodata/2/iaa/PCTUS_COMB.pep:*
           GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-297-7311-9

US-08-470-220A-4

US-08-302-596-6

US-09-302-596-6

US-09-302-596-6

US-09-303-415-6

US-09-209-799D-8

US-09-209-799D-8

US-09-209-799D-8

US-09-97-799A-6

US-09-97-799A-6

US-09-97-793A-6

US-09-97-793A-6

US-09-97-793A-1

US-09-805-507-6

US-09-805-507-6

US-09-807-731-11

US-08-297-731-11

US-08-297-731-11

US-08-297-731-11

US-08-297-731-11

US-08-297-731-11

US-08-297-731-11

US-08-297-731-11

US-08-297-731-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-333-415-5
US-09-209-799D-9
US-09-505-991-18
US-09-303-016-5
                                                                                                                                                                                                                        Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                  389414 seqs, 51625971 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                           SUMMARIBS
                                                                                                                      US-09-943-084-5
116
1 FTSDVSSYLEGQAAKBFIAWLVK 23
                                                                                                                                                                                                                                                                            Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                       OM protein - protein search, using sw model
                                                                                                                                                                  BLOSUM62
Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                          Issued Patents AA:*
                                                                                                                                                                                                                                             Minimum DB seq length: 0 Maximum DB seq length: 20000000000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              DB
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query
Match Length
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Title:
Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score
                                                                                                                                                                   Scoring table:
                                                                                                                                               Sequence:
                                                                              Run on:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Result
```

us-09-943-084-5.rai

Page

```
<del>a</del>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gaps
                                                                                                                                                  Sequence 9, Application US/0829731
; Sequence 9, Application US/0829731
; Patent No. 5574008
; GENERAL INFORMATION:
APPLICANT: Johnson, William T.
APPLICANT: Yakubu-Madus, Fatima E.
ITILE OF INVERTION: BIOLOGICALLY ACTIVE FRAGMENTS OF
ITILE OF INVERTION: BIOLOGICALLY ACTIVE FRAGMENTS OF
ITILE OF INVERTION: GLUCAGON-LIKE INSULINOTROPIC PEPTIDE
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Bli Lilly and Company/RSM
STREET: Lilly Corporate Center
CITY: Indianapolis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Wagner, Fred W.
APPLICANT: Stout, Jay
APPLICANT: Henriksen, Dennis
APPLICANT: Henriksen, Dennis
APPLICANT: Partridge, Bruce
APPLICANT: Manning, Shane
TITLA OF INVENTION: Enzymatic Method for Modification of
TITLA OF INVENTION: Ecombinant Polypeptides
NUMBER OF SEQUENCES: 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 46285

ZIP: 46285

CMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/NS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/297,731
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 100.0%; Pred. No. 1.8e-11;
Matches 23; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ) NAME/KEY: Modified-site
; LOCATION: 27.28
; OTHER INFORMATION; /note= "C-terminal amide"
US-08-297-731-9
                              6 FTSDVSSYEEGQAAKEFIAWLVK 28
1 FTSDVSSYLEGGAAKEFIAWLVK 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 FISDVSSYLEGQAAKEFIAWLVK 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   4 FTSDVSSYLEGGAAKEFIAWLVK 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICALLE.
FILLING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Maciak, Ronald S.
REGISTRATION NUMBER: 35,262
REFERENCE/DOCKET NUMBER: X9630
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEPAX: 317-27-1917
INPORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; Sequence 4, Application US/08470220A; Patent No. 5707826; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY: US.
ZIP: 46285
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 3
US-08-470-220A-4
                                                                                                                 RESULT 2
US-08-297-731-9
                                                                                                                                                                                                                                                                                                                                                                                                                                                      STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            .
8
                                              윱
```

```
0; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 100.0%; Score 116; DB 1; Length 28; Best Local Similarity 100.0%; Pred. No. 1.8e-11; Matches 23; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: Tam PC compatible
COMPUTER: DatentIn Release #1.0, Version #1.25
COMPANE: PatentIn Release #1.0, Version #1.25
COMPUTER: DatentIn Release #1.0, Version #1.25
COMPANE: PatentIn Release #1.0, Version #1.25
COMPUTER: DatentIn Release #1.25
COMPUTER: DatentIn Release #1.25
COMPUTER: DatentIn Release #1.25
COMPUTER: DatentIn R
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: Minneapolis
STATE: MN
COUNTRY: USA
ZIP: $55402
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/967,374
FILING DATE:
CORRESPONDENCE ADDRESS:
ADDRESSEE: Merchant & Gould
STREET: 3100 No. 5707826west Center
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   6 FTSDVSSYLEGGAAKEFIAMLVK 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 FTSDVSSYLEGOAAKEFIAWLUK 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPAX: 612-332-9081
INFORMATION FOR SEG ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 amino acid
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: linear
MOLECULE TYPE: peptide
IMMEDIATE SOURCE:
CLONE: GLP1 (7-34)
                                                                                                                    Minneapolis
                                                                                                                                                                                                           USA
                                                                                                                                                                                                                                             55402
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-08-470-220A-4
                                                                                                                                                                                              COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-08-967-374-4
```

```
18.09-333-415-6

18.09-333-415-6

18.09-333-415-6

18.09-333-415-6

18.09-333-415-6

18.09-333-415-6

18.09-333-415-6

18.09-333-415-6

18.09-333-415-6

18.09-333-415-6

18.09-333-415-6

18.09-333-415-6

18.09-333-415-6

18.09-333-415-6

18.09-333-415-6

18.09-333-415-6

18.09-333-415-6

18.09-333-415-6

18.09-333-415-6

18.09-333-415-6

18.09-333-415-6

18.09-333-415-6

18.09-333-415-6

18.09-333-415-6

18.09-333-415-6

18.09-333-415-6

18.09-333-415-6

18.09-333-415-6

18.09-333-415-6

18.09-333-415-6

18.09-333-415-6

18.09-333-415-6

18.09-333-415-6

18.09-333-415-6

18.09-333-415-6

18.09-333-415-6

18.09-333-415-6

18.09-333-415-6

18.09-333-415-6

18.09-333-415-6

18.09-333-415-6

18.09-333-415-6

18.09-333-415-6

18.09-333-415-6

18.09-333-415-6

18.09-333-415-6

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.09-333-4

18.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Indels
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSE: Pfizer inc
STREET: 215 East 42nd Street, 20th Floor
CITY: New York
COUNTRY: U.S.A.
ZIP: 10017-5755
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: 1BM PC COMPALIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION TOWNER: US/08/472,349
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Ouery Match
Best Local Similarity 100.0%; Pred. No. 1.8e-11;
Matches 23; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CIASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US/08/181,655
FILING DATE:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Sheyka, Robert F.
REGISTRATION NUMBER: 1,304
REFERENCE/DOCKET NUMBER: PC8391
TELEPHONE: (212)573-1189
TELEPHONE: (212)573-1189
TELEFAX: N/A
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    6 FISDVSSYLEGOAAKEFIAMLVK 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ANTI-SENSE: NO PRAGRENT TYPE: N-terminal ORIGINAL SOURCE: ORGANISM: N/A STRAIN: N/A INDIVIDUAL ISOLATE: N/A HAPLOTYPE: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLONE: N/A
POSITION IN GENOME:
CHROMOSOME/SEGMENT: N/A
MAP POSITION: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: amino acid
STRANDEDNESS: single
modoLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CELL LINE: N/A IMMEDIATE SOURCE: LIBRARY: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-08-472-349-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 VG-09-362-596-6

US-09-362-596-6

US-09-362-596-6

Sequence 6, Application US/09302596

Sequence 6, Application US/09302596

Sequence 6, Application US/09302596

Patent No. 6284725

GENERAL INFORMATION:
APPLICANT: Coolidge, Thomas R.
APPLICANT: Solidge, Thomas R.
APPLICANT: Solidge, Thomas R.
APPLICANT: 1990-04-30

PRIOR FILING DATE: 1999-04-30

PRIOR PILING DATE: 1999-04-30

PRIOR FILING DATE: 1999-10-08

NUMBER OF SEQ ID NOS: 13

SOFTWARE: PatentIn Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ..
0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 100.0%; Pred. No. 1.8e-11;
Matches 23; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
100.0%; Score 116; DB 3; Length 28;
Best Local Similarity 100.0%; Pred. No. 1.8e-11;
Matches 23; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 6
UG-08-472-349-5
j Sequence 5, Application US/08472349
j Patent No. 6284727
j GENERAL INFORMATION:
j APPLICANT: Kimbert, William J.
APPLICANT: Qi, Hong
j APPLICANT: Git Hong
j APPLICANT: Gelfand, Robert A.
j APPLICANT: Geoglegan, Kieran F.
j APPLICANT: Danley, Dennis E.
j TITLE OF INVENTION: Prolonged Delivery of Peptides
                             CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/520,485
FILING DATE: 29-AUG-1995
ATTONEEY/ASBATU INFORMATION:
NAME: Carter, Charles G.
REGISTRATION NUMBER: 35,093
REFERENCE YOCKET NUMBER: 8648.32-USD1
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               4 FISDVSSYLEGGAAKEFIAWLVK 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 FISDVSSYLEGOAAKEFIAWLVK 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       6 FTSDVSSYLEGQAAKEFIAWLVK 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 FTSDVSSYLEGGAAKEFIAMLVK 23
                                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ 1D NO: 4: SEQUENCE CHARACTERISTICS: LENGTH: 28 amino acids TYPE: amino acid TYPE: amino acid TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE: peptide
IMMEDIATE SOURCE:
CLONE: GLP1 (7-34)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; ORGANISM: mammalian
US-09-302-596-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-08-967-374-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SBQ ID NO 6
LENGTH: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ઠે
```

ò

.. 0

```
APPLICANT: Coolidge, Thomas R.
APPLICANT: Coolidge, Mario R.W.
TITLE OF INVENTION: Metabolic Intervention with GLP-1 or its Biologically TITLE OF INVENTION: Active Analogues to Improve the Function of the TITLE OF INVENTION: Ischemic and Reperfused Brain FILE REPERBNCE: P03660US2
CURRENT APPLICATION NUMBER: 05/99/303,016
PRIOR APPLICATION NUMBER: 60/103,498
PRIOR APPLICATION NUMBER: 60/103,498
PRIOR PLING DATE: 1999-10-08
WUNBER OF SEQ ID NOS: 13
SOFIWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 100.0%; Score 116; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 1.8e-11;
Matches 23; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Indels
Patentin Release #1.0, Version #1.30
                                                              FILING DATE: 17-Feb-2000
CLASSIFICATION DATA:
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
ATORNEY/AGENT INFORMATION:
NAME: Carter, Charles G.
REGISTRATION NUMBER: 35,093
REFRENCE/DOCKET NUMBER: 35,093
REFRENCE/DOCKET NUMBER: 8648.32-USD1
TELEPHONE: 612-332-5300
TELEPHONE: 612-332-9081
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 100.0%; Pred. No. 1.9e-11,
Matches 23; Conservative 0; Mismatches 0;
         SOFTWARE: Patentin Release #1.0, V
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/505,991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLONE: GLP1 (7-34)
SEQUENCE DESCRIPTION: SEQ ID NO: 4:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         4 FTSDVSSYLEGQAAKEFIAMLVK 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 FTSDVSSYLEGQAAKEFIAWLVK 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 FISDVSSYLEGGAAKEFIAWLVK 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 5, Application US/09212663
Patent No. 6461834
GENERAL INFORMATION:
APPLICANT: DORMADY, Dan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 6, Application US/09303016
Patent No. 6429197
                                                                                                                                                                                                                                                                                                                                                                                            LENGIH: 28 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear
MOLECULE TYPE: peptide
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CRGANISM: Homo sapiens
US-09-303-016-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 11
US-09-212-663-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-303-016-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-505-991-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQ ID NO 6
LENGTH: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 엄
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ò
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    셤
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        à
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Partridge, Bruce
Manning, Shan
TITLE OF INVENTION: Enzymatic Method for Modification of
Recombinant Polypeptides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 100.0%; Pred. No. 1.8e-11;
Matches 23; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                            Query Match 100.0%; Score 116; DB 4; Length 28; Best Local Similarity 100.0%; Pred. No. 1.8e-11; Matches 23; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 8, Application US/09209799D; Patent No. 6380357; GENERAL INPORMATION:
APPLICANT: Hoffmann, James
APPLICANT: Hoffmann, James
TITLE REPERENCE: X-10242
FILE REPERENCE: X-10242
CURRENT FILION NUMBER: US/09/209,799D
CURRENT FILION DATE: 1998-12-11
NUMBER OF SEQ ID NOS: 29
SOFTWARE: Patentin version 3.0
SEQ ID NO 8
LENGTH: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: Merchant & Gould
STREET: 3100 No. 6403361west Center
CITY: Minneapolis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-BOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; FEATURE:
; CTHER INFORMATION: synthetic construct
US-09-209-799D-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 FISDVSSYLEGGAAKEFIAWLVK 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FISDVSSYLEGGAAKEFIAMLUK 28
                                                                                                                                                                                                                                                                                                                                         4 FISDVSSYLEGQAAKEFIAMLVK 26
                                                                                                                                                                                                                                                                                                             1 FISDVSSYLEGOAAKEFIAMLVK 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Wagner, Fred W.
Stout, Jay
Henriksen, Dennis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 4, Application US/09505991
                CURRENT FILING DATE: 1999-06-15
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY: USA
ZIP: 55402
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS
                                                                                                                               ; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-333-415-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Patent No. 6403361
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STATE: MN
                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-09-209-799D-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-09-505-991-4
                                                         SOFTWARE: PESEQ ID NO 6
LENGTH: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         à
                                                                                                                                                                                                                                                                                                               ò
                                                                                                                                                                                                                                                                                                                                                        ద
```

ô

ö

```
RESULT 14
US-09-805-507-6

1 Sequence 6, Application US/09805507

2 Facert No. 6579851

3 GENERAL INFORMATION:

3 APPLICANT: COLLIDGE, THOMAS R.

3 APPLICANT: COLLIDGE, THOMAS R.

4 APPLICANT: EHIERS, MARIO

5 TITLE REFERENCE: 089187/0395

5 CURRENT FILING DATE: 2001-03-14

5 PRIOR APPLICATION NUMBER: US/09/805,507

6 WHERE APPLICATION NUMBER: 09/859,804

7 PRIOR APPLICATION NUMBER: 09/859,804

7 PRIOR PRILING DATE: 2001-03-18

7 NUMBER OF SEQ ID NOS: 13

7 SEQ ID NO 6

7 LENGTH: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: Description of Unknown Organism: Truncated form; OTHER INFORMATION: of GLP-1
US-09-805-507-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ö
                                                                                                                                                                                                                                                                              ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 9, Application PC/TUS9510793
Sequence 9, Application PC/TUS9510793
GENERAL INFORMATION:
APPLICANT: Johnson, William T.
APPLICANT: Yakubu-Madus, Fatima B.
APPLICANT: Yakubu-Madus, Patima B.
TITLE OF INVENTION: BIOLOGICALLY ACTIVE FRAGMENTS OF
TITLE OF INVENTION: GLUCAGON-LIKE INSULINOTROPIC PEPTIDE
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lilily and Company/RSM
STREET: Lilly Corporate Center
CITY: Indianapolis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Indele
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
COMPUTER: TEM PC compatible
COPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                        Query Match
100.0%; Score 116; DB 4;
Best Local Similarity 100.0%; Pred. No. 1.8e-11;
Matches 23; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        100.0%; Score 116; DB 4;
100.0%; Pred. No. 1.8e-11;
iive 0; Mismatches 0;
                                                                                                                                            , OTHER INFORMATION: Synthetic Construct US-09-997-792A-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  4 FTSDVSSYLEGGAAKEFIAWLVK 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 PTSDVSSYLEGOAAKEFIAWLVK 23
                                                                                                                                                                                                                                                                                                                                                                  6 FISDVSSYLEGGAAKEFIAWLVK 28
                                                                                                                                                                                                                                                                                                                                  1 FTSDVSSYLEGOAAKEFIAWLVK 23
SOFTWARE: Patentin version 3.1
SEQ ID NO 6
LENGTH: 28
                                                                                            ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT
ORGANISM: Unknown Organism
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Best Local Similarity 100.
Matches 23; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
                                                                              TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ð
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     å
                                                                                                                                                                                                                                                                                                                                     ò
                                                                                                                                                                                                                                                                                                                                                                                g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ő
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Description of Artificial Sequence: GLP-1(9-36) (Human)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 125,4846
Fatent No. 6528486
Fatent No. 6528486
GENERAL INFORMATION:
APPLICANT: Larsen, Bjarne Due
APPLICANT: Larsen, Brane Mollgaard
APPLICANT: Neve, Soren
FILE OF INVENTION: NOVEL PEPTIDE AGONISTS OF GLP-1 ACTIVITY
FILE OF INVENTION: NOVEL PEPTIDE AGONISTS OF GLP-1 ACTIVITY
FILE OF INVENTION: NOVEL PEPTIDE AGONISTS OF GLP-1 ACTIVITY
CURRENT APPLICATION NUMBER: US/09/614,847
CURRENT APPLICATION NUMBER: US 60/143,591
PRIOR APPLICATION NUMBER: US 60/143,591
PRIOR PLING DATE: 1999-07-13
NUMBER OF SEO ID NOS: 153
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 125
LENGTH: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
100.0%; Score 116; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 1.8e-11;
Matches 23; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 6, Application US/09997792A
Patent No. 655521
GENERAL INFORMATION:
APPLICANT: BLI LILLY and COMPANY
TITLE OF INVENTION: Glucagon-Like Peptide-1 Crystals
FILS REFERENCE: X-10242A
CURRENT APPLICATION WUMBER: US/09/997,792A
CURRENT FILING DATE: 2002-09-30
PRIOR PEPTICATION NUMBER: US 60/069,728
PRIOR FILING DATE: 1997-12-16
NUMBER OF SEQ ID NOS: 25
        APPLICANT: STOUT, Jay S.
APPLICANT: STRYDOX, Daniel J.
APPLICANT: HOLMOUIST, Barton
APPLICANT: HOLMOUIST, Barton
APPLICANT: WAGNER, Fred W.
TITLE OF INVENTION: BNZYMATIC AMIDATION OF PEPTIDES
FILE REFERENCE: 089187/0162
CURRENT APPLICATION NUMBER: US/09/212,663
CURRENT PILING DATE: 1998-12-16
PRIOR PIPLICATION NUMBER: US 60/107,311
PRIOR FILING DATE: 1999-11-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 100.0%; Pred. No. 1.8e-11;
Matches 23; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 FISDVSSYLEGOAAKEFIAWLVK 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              4 PTSDVSSYLEGQAAKEFIAMLVK 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   6 FTSDVSSYLEGQAAKEFIAMLVK 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 FISDVSSYLEGOAAKEFIAWLVK 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 25
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 5
LENGTH: 28
                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT; ORGANISM: Escherichia coli
US-09-212-663-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 12
US-09-614-847-125
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-614-847-125
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-997-792A-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE:
```

Š

RESULT 13

ઠે ద

```
APPLICATION NUMBER: PCT/US95/10793

FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: MACLEX: Roand4 S.
REGISTRATION NUMBER: 35,262
REGISTRATION NUMBER: 35,262
REGISTRATION NUMBER: X9630
TELECOMMUNICATION INFORMATION:
TOPOLOGY: Innear
TOPOLOGY:
```

Sequence 6, Appliagequence 23, Appliagequence 125, Appliagequence 5, Appliagequence 5, Appliagequence 5, Appliagequence 6, Appliagequence 6, Appliagequence 7, Appliagequence 6, Appliagequence

US-10-055-259-6 US-10-378-094-7 US-10-322-839-6 US-10-215-272-23 US-10-291-226-125

Sequence 9, Appli Sequence 5, Appli Sequence 5, Appli Sequence 6, Appli Sequence 7, Appli Sequence 7, Appli Sequence 4, Appli Sequence 4, Appli Sequence 4, Appli Sequence 4, Appli Sequence 6, Appli Sequence 6, Appli Sequence 6, Appli Sequence 6, Appli

Sequence 1 Sequence 1 Sequence 2

US-09-834-229A-5 US-09-97-792-10 US-09-99-792-15 US-09-997-792-27 US-10-393-524A-16 US-10-393-524A-17 US-10-393-524A-17

ALIGNMENTS

Sequence Sequence Sequence

```
STATE: New York
COUNTRY: U.S.A.
ZIP: 10017-2755
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OOPERAING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION NUMBER: US/09/943,084
FILING DATE: 31-Aug-2001
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: Pfizer Inc
STREET: 235 Bast 42nd Street, 20th Floor
CITY: New York
                                                  US-09-851-738-5

US-09-865-507-5

US-09-862-978-5

US-09-953-0218-5

US-09-953-0218-5

US-09-997-72-9

US-10-169-657-7

US-10-169-657-7

US-10-178-094-8

US-10-378-094-8

US-10-378-094-8

US-10-378-094-8

US-10-378-95-5

US-10-378-95-5

US-10-378-95-5

US-10-378-95-5

US-10-378-95-5

US-10-378-95-5

US-10-378-95-5

US-09-861-738-4

US-09-861-738-4

US-09-861-738-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION DATA: APPLICATION NUMBER: US/08/181,655
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Sheyka, Robert F.
REGISTRATION NUMBER: 31,304
REFERENCE/DOCKET NUMBER: PC8391
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELECOMMUNICATION INFORMATION: TELEPHONE: (212) 573-1189
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
US-09-943-084-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR
Sequence 4, Appli
Sequence 2, Appli
Sequence 6, Appli
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Appli
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Appli
Appli
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 5, Appl:
                                                                        3, 2004, 00:26:08; Search time 33.2857 Seconds (without alignments) 215.093 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence Sequence Sequence Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Description
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence
                                                                                                                                                                                                                                                                                                                             / cgn2_6/ptodata/2/pubpaa/US07_PUBCOMB.ppp:*
/ cgn2_6/ptodata/2/pubpaa/US07_NEW_PUB.ppp:*
/ cgn2_6/ptodata/2/pubpaa/US06_NEW_PUB.ppp:*
/ cgn2_6/ptodata/2/pubpaa/US06_PUBCOMB.ppp:*
/ cgn2_6/ptodata/2/pubpaa/US07_NEW_PUB.ppp:*
/ cgn2_6/ptodata/2/pubpaa/US08_NEW_PUB.ppp:*
/ cgn2_6/ptodata/2/pubpaa/US08_NEW_PUB.ppp:*
/ cgn2_6/ptodata/2/pubpaa/US08_PUBCOMB.ppp:*
/ cgn2_6/ptodata/2/pubpaa/US08_PUBCOMB.ppp:*
/ cgn2_6/ptodata/2/pubpaa/US08_PUBCOMB.ppp:*
/ cgn2_6/ptodata/2/pubpaa/US09_PUBCOMB.ppp:*
/ cgn2_6/ptodata/2/pubpaa/US09_PUBCOMB.ppp:*
/ cgn2_6/ptodata/2/pubpaa/US09_PUBCOMB.ppp:*
/ cgn2_6/ptodata/2/pubpaa/US09_PUBCOMB.ppp:*
/ cgn2_6/ptodata/2/pubpaa/US00_PUBCOMB.ppp:*
/ cgn2_6/ptodata/2/pubpaa/US00_PUBCOMB.ppp:*
/ cgn2_6/ptodata/2/pubpaa/US00_PUBCOMB.ppp:*
/ cgn2_6/ptodata/2/pubpaa/US00_NEW_PUB.ppp:*
/ cgn2_6/ptodata/2/pubpaa/US00_NEW_PUB.ppp:*
/ cgn2_6/ptodata/2/pubpaa/US00_NEW_PUB.ppp:*
/ cgn2_6/ptodata/2/pubpaa/US00_NEW_PUB.ppp:*
/ cgn2_6/ptodata/2/pubpaa/US00_NEW_PUB.ppp:*
/ cgn2_6/ptodata/2/pubpaa/US00_NEW_PUB.ppp:*
                                                                                                                                                                                                                      1276540
         GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-943-084-6
US-09-943-084-1
US-09-943-084-2
US-09-943-084-2
US-09-851-738-6
US-09-855-507-6
US-09-85-507-6
US-09-85-978-6
US-09-95-7-91-1
US-09-767-981-1
US-09-772-607-2
                                                                                                                                                                                                                   Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                1276540 seqs, 311283816 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SUMMARIES
                                                                                                                                116
1 FTSDVSSYLEGQAAKEFIAWLVK 23
                                                                                                                                                                                                                                                                                                                       Applications AA:*
                                                                                                                                                                                                                                                                            Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                   OM protein - protein search, using sw model
                                                                                                                                                               BLOSUM62
Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                          length: 0
length: 2000000000
                                                                                                                      US-09-943-084-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           В
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length
                                                                                                                                                                                                                                                                                                                       Published
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query
Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          100.0
                                                                                                                                                                                                                                                                                                                                  Post-processing:
                                                                                                                                score:
                                                                                                                                                                Scoring table:
                                                                                                                                                                                                                                          Minimum DB seq
Maximum DB seq
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence:
                                                                                                                                                                                                Searched:
                                                                                                                                                                                                                                                                                                                       Database
                                                                                                                                Perfect
                                                                          Run on:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Result
No.
```

```
Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESTED FILEST INC
STREET: 235 East 42nd Street, 20th Floor
CITY: New York
STAIR: New York
COUNTRY: U.S.A.
ZIP: 10017-5755
COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
CORFUTER: IBM PC Compatible
COPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
CLASSIFICATION: UTURNOWN>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Geochegan, Kieran F.
Danley, Dennis B.
TITLE OF INVENTION: Prolonged Delivery of Peptides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
100.0%; Score 116; DB 10;
Best Local Similarity 100.0%; Pred. No. 2.7e-11;
Matches 23; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/08/181,655
FILING DATE: «Unknown»
ATTORNEY/AGENT INFORMATION:
NAME: Sheyka, Robert F.
REGISTRATION NUMBER: 31,304
REFERENCE/DOCKET NUMBER: PC8391
                                                                                                                                                                                                                                                                                                                                                                                                                                                             CLOME: N/A
CLOME: N/A
POSITION IN GENOME:
CHROMOSOME/SEGMENT: N/A
MAP POSITION: N/A
SEQUENCE DESCRIPTION: SEQ ID NO: 4:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 3
US-09-943-084-2
Sequence 2, Application US/09943084
Publication No. US20030050237A1
GENERAL INFORMATION:
Lambert, William J.
Di. Hong
Celfand, Robert A.
Gelfand, Robert A.
Celfand, Robert A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 FTSDVSSYLEGQAAKEFIAWLVK 23
                                                                                                                                                                                                                                                                                                       ORGANISM: N/A
STRAIN: N/A
INDIVIDUAL ISOLATE: N/A
HAPLOTYPE: N/A
CELL LINE: N/A
IMMEDIATE SOURCE:
LIBRARY: N/A
TELEPHONE: (212)573-1189
TELERAX: (212)573-1939
TELEX: N/A
INFORMATION FOR SEQ ID NO: 4:
ICS:
                                                                                                             LENGIH: 29 amino acids
                                                                                                                              TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTRETICAL: NO
ANTI-SENSE: NO
FRAGERY TYPE: N.terminal
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-943-084-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Š
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  .
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
100.0%; Score 116; DB 10; Length 23;
Best Local Similarity 100.0%; Pred. No. 2.6e-11;
Matches 23; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CITY: New York
COUNTRY: U.S.A.
COMPUTER READABLE FORM:
MEDLUM TYPER: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: BE Flopy disk
COMPUTER: BE PC compatible
COMPUTER: BE PC compatible
COMPUTER: IBM PC compatible
CURRENT APPLICATION NUMBER: US/09/943,084
FILING DATE: 11-Aug-2001
CLASSIFICATION: CURROWD
PRIOR APPLICATION NUMBER: US/09/181,655
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Geoghegan, Kleran F.
Danley, Demnis E.
TITLE OF INVENTION: Prolonged Delivery of Peptides
NUMBER OF SEQUENCES: 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
ADDRESSEE: Pfizer Inc
STREET: 235 East 42nd Street, 20th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: <URKNOWD>
ATTORNSY/AGENT INFORMATION:
NAME: Sheyka, Kobert F.
REGISTRATION NUMBER: 31,304
REPERRNCE/DOCKET NUMBER: PC8391
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CHROMOSOME/SEGMENT: N/A
MAP POSITION: N/A
SEQUENCE DESCRIPTION: SEQ ID NO: 5:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 FTSDVSSYLEGOAAKEFIAWLVK 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 FISDVSSYLEGGAAKEFIAWLVK 23
                                                                                                                                                                                                                 ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: N/A
STRAIN: N/A
INDIVIDUAL ISCLATE: N/A
HAPLOTYPE: N/A
INMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Kim, Yesook
Lambert, William J.
                                                                                 LENGTH: 28 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Qi, Hong
Gelfand, Robert A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 2
(S-09-943-084-4
(S-09-943-084-4
) Sequence 4, Application US/09943084
) Publication No. US20030050237A1
) GENERAL INFORMATION:
TELEFAX: (212)573-1939
              TELEX: N/A INFORMATION FOR SEQ ID NO: 5:
                                                                                                                                                                                                                                                                                                                                                                                                                                            CLONE: N/A
POSITION IN GENOME:
                                                                                                                                                                                                                                                                                                                                                                                                                            LIBRARY: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-09-943-084-5
```

셤

```
Length 26;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         DB 10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 100.0%; Score 116; DB 10; Best Local Similarity 100.0%; Pred. No. 3e-11; Matches 23; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 100.0%; Score 116; DB 9; nilarity 100.0%; Pred; No. 3.2e-11; Conservative 0; Mismatchin
     REGISTRATION NUMBER: 31,304
REFERENCE/DOCKET NUMBER: PC8391
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SEQUENCE DESCRIPTION: SEQ ID NO: 3:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 FTSDVSSYLEGOAAKEFIAWLVK 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2 FISDVSSYLEGOAAKEFIAMLVK 24
                                                                                                                                                                                                                                                                                                                                                          ANTI-SENSE: NO
PRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: N/A
STRAIN: N/A
INDIVIDUAL ISOLATE: N/A
HAPLOTYPE: N/A
IMMEDIATE SOURCE:
LIBRARY: N/A
POSITION IN GROOME:
CHOOSOURS (SECHENT: N/A
MAPP POSITION: N/A
MAPP POSITION: N/A
MAPP POSITION: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 FTSDVSSYLEGQAAKEFIAWLVK 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               4 PISDVSSYLEGOAAKEFIAWLVK 26
                                REFERENCE/DOCKET NUMBER:
TELECOMMUNICATION INFORMATION:
                                                                                     TELEPHONE: (212)573-1189
TELEPAX: (212)573-1939
                                                                                                                                  TELEX: N/A
INFORMATION FOR SEQ ID NO: 3:
LENGTH: 30 amino acids
TYPE: amino acid
STRANDEDNESS: single
TYPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              UNITS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         , ORGANISM: mammalian
US-09-851-738-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    23;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 5
US-09-851-738-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-943-084-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 6
US-09-805-507-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ò
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               a
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ô
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 26;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ALTURER OF INVENTION: Prolonged Delivery of Peptides NUMBER OF SECTEMES: 7
CORRESPONDENCE ADDRESS:
ADDRESSER: Pfizer Inc
STREET: 235 East 42nd Street, 20th Floor
CITY: New York
COTY: New York
COUNTR: New York
COUNTR: New York
COMPUTER: New York
COMPUTER: EPOPPY disk
COMPUTER: EPOPPY disk
COMPUTER: ENDARCH: PC-DOS/MS-DOS
COPERATING SYSTEM: PC-DOS/MS-DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/943,084
FILING DATE: 31-Aug-2001
CLASSIFICATION NUMBER: US/08/181,655
FILING DATE: CUNKNOWN>
ATTORREY/AGENT INPORMATION:
WAND: CLASSIFICATION: DATE:
WAND: CLASSIFICATION DATE:
WAND: CLASSIFICATION:
WAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
100.0%; Score 116; DB 10;
Best Local Similarity 100.0%; Pred. No. 3e-11;
Matches 23; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ;
UNITS: N/A
;
SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-09-943-084-2
                                                              TELEX: N/A
INFORMATION FOR SEQ ID NO: 2:
ERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 FZSDVSSYLEGGAAKEFIAWLVK 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 FFSDVSSYLEGOAAKEFIAWLVK 23
                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: N/A
STRAIN: N/A
INDIVIDUAL ISOLATE: N/A
HAPLOTYPE: N/A
CELL LINE: N/A
IMMEDIATE SOURCE:
                                                                                                                                                 LENGTH: 31 amino acids
TYPE: amino acids
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
TELECOMMUNICATION INFORMATION
                       TELEPHONE: (212)573-1189
TELEFAX: (212)573-1939
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CHROMOSOME/SEGMENT: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLONE: N/A
POSITION IN GENOME:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        셤
```

ò

Gaps

ö

Sequence 6, Application US/09851738
Patent No. US2002055460A1
GENERAL INFORMATION:
APPLICANT: Coolidge, Thomas R.
APPLICANT: Cholidge, Thomas R.
APPLICANT: BAIETS, Mario R.W.
TITLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of TITLE OF INVENTION: Ischemic and Reperfused Tissue
FILE REPERENCE: P03660US
FILE REPERENCE: P03660US
CURRENT FILING DATE: 2001-05-09
PRIOR PRICATION NUMBER: 09/302,596
PRIOR FILING DATE: 1999-04-30
NUMBER OF SEQ ID NOS: 13
SOFTWARE Patentin Ver. 2.0
SEQ ID NO 6
LENGTH: 28 Gaps .. 0 Length 28; Indels

```
ઠે
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                셤
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   d
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 7

US-09-859-804-6

i Sequence 6, Application US/09859804

i Sequence 7, Application US/09859804

i Patent No. US20020107206A1

i GENERAL INFORMATION:

i APPLICANT: COLLIDGE, THOMAS R.

APPLICANT: COLLIDGE, THOMAS R.

ITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1

FILE REPRENCE: 089127/0395

CURRENT APPLICATION NUMBER: US/09/859,804

CURRENT APPLICATION NUMBER: 60/205,239

FRIOR FILING DATE: 2000-05-19

NUMBER OF SEQ ID NOS: 13

NUMBER OF SEQ ID NOS: 13

SOFTWARE. PATENTIN VET. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
Sequence 6, Application US/09805507

Patent No. US20020098195A1

GENERAL INFORMATION:

APPLICANT: COOLIDGE, THOMAS R.

APPLICANT: COOLIDGE, THOMAS R.

APPLICANT: EHLERS, MARIO

TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1

FILE REFERENCE: 089107/0335

CURRENT APPLICATION NUMBER: US/09/805,507

CURRENT FILING DATE: 2001-03-14

PRIOR PILING DATE: 2001-05-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                       ) OTHER INFORMATION: Description of Unknown Organism: Truncated form; OTHER INFORMATION: of GLP-1
US-09-805-507-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ) OTHER INFORMATION: Description of Unknown Organism: Truncated form; CTHER INFORMATION: of GLP-1
US-09-859-804-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 6, Application US/09982978

Patent No. US20020146405A1

GENERAL INFORMATION:
APPLICANT: COLIDER, THOMAS R.
APPLICANT: EHLERS, MARIO
TITLE OF INVENTION: TREATMENT OF ACUTE CORONARY SYNDROME WITH GLP-1
FILE REFERENCE: 089187/0395
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 100.0%; Score 116; DB 9; Length 28; Best Local Similarity 100.0%; Pred. No. 3.2e-11; Matches 23; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ch .200.0%; Score 116; DB 9;
1 Similarity 100.0%; Pred. No. 3.2e-11;
23; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              4 FISDVSSYLEGQAAKEFIAWLVK 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      4 FISDVSSYLEGGAAKEFIAWLVK 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 FTSDVSSYLEGOAAKEFIAWLVK 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 FISDVSSYLEGQAAKEFIAWLVK 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: PRT
ORGANISM: Unknown Organism
                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 6
LENGTH: 28
                                                                                                                                                                                                                                                                                                                                                                                TYPE: PRT
ORGANISM: Unknown Organism
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
Matches 23; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 8
US-09-982-978-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQ ID NO 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ð
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ઠે
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              g
```

```
APPLICANT: Coolidge, Thomas L.
APPLICANT: Coolidge, Thomas L.
TTTLE OF INVENTION: Metabolic Intervention with GLP-1 to Improve the Function of II
TITLE OF INVENTION: Reperfused Skeletal Muscle Tissue
TITLE OF INVENTION: Reperfused Skeletal Muscle Tissue
FILE REFERENCE: PO3660US6
CURRENT APPLICATION NUMBER: US/09/953,021B
CURRENT FILING DATE: 1999-04-30
RATOR APPLICATION NUMBER: 09/3302,596
RATOR APPLICATION NUMBER: 09/3302,596
RATOR FILING DATE: 1999-04-30
SOFTWARE: Patentin Ver: 2.0
SEQ ID NO 6.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: Description of Unknown Organism: Truncated form OTHER INFORMATION: of GLP-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ó,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 28;
                                                                                                                                                                                                                                                                                                                                                                                                                    h 100.0%; Score 116; DB 9; Length 28; Similarity 100.0%; Pred. No. 3.2e-11; 23; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 8, Application US/0997792

Publication No US20030045464A1

GENERAL INNORMATION:
APPLICANT: Hoffmanu, James
APPLICANT: Hoffmanu, James
TITLE OF INVENTION: Chakravarthy
TITLE OF INVENTION UNBER: US/09/997,792
CURRENT FILLION NUMBER: 2001-11-30
NUMBER OF SEQ ID NOS: 29
SOFTWARE: Patentin version 3.0
SEQ ID NO 8
LENGTH: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       100.0%; Score 116; DB 9;
100.0%; Pred. No. 3.2e-11;
tive 0; Mismatches 0;
CURRENT APPLICATION NUMBER: US/09/982,978
CURRENT FILING DATE: 2001-10-22
FRIOR APPLICATION NUMBER: 09/859,804
FRIOR FILING DATE: 2001-05-18
FRIOR FILING DATE: 2000-05-19
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PATENT NOS: 13
SOFTWARE: PATENT NOT: 2.1
SOFTWARE: 280 ID NOS: 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 FISDVSSYLEGQAAKEFIAMLVK 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       4 FISDVSSYLEGGAAKRFIAWLVK 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    4 FISDVSSYLEGQAAKEFIAWLVK 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 6, Application US/09953021B Patent No. US20020147131A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                  TYPE: PRT
ORGANISM: Unknown Organism
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Local Similarity
nes 23; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-953-021B-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-09-953-021B-6
                                                                                                                                                                                                                                                                                                                                                                           US-09-982-978-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
```

```
US-10-169-657-6

US-10-169-657-6

Sequence 6, Application US/10169657

Publication No. US20030060412A1

GRAERAL INFORMATION:

APPLICANT: Bll Lilly and Company

TITLE OP INVENTION: Process for Solubilizing Glucagon-Like Peptide 1 Compounds;

FILE REFERENCE: X-11708

CURRENT APPLICATION NUMBER: US/10/169,657

CURRENT APPLICATION NUMBER: US 60/178,438

FRICK FILING DATE: 2002-06-28

FRICK FILING DATE: 2000-01-27

FRICK APPLICATION NUMBER: US 60/224,058

FRICK APPLICATION NUMBER: US 60/224,058

FRICK APPLICATION NUMBER: 105 60-09

SEQ ID NO 5

SEQ ID NO 6

SEQ ID NO 6

LENGTH: 28
                                                                                                                                                                                                                                                                                                                                   Gaps
                                                                                                                                                                                                                                                                                                                                   ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 3, Application US/0985880
; Publication No. US20020061838A1
; GENERAL INCRMATION:
; APPLICANT HOLMQUIST, Barton
; APPLICANT: Dormady, Daniel
; TITLE OF INVENTION: Peptide Pharmaceutical Formulations
; TILE OF ILING DATE: 1627.020US1
; CURRENT APPLICATION NUMBER: US/09/858,880
; CURRENT APPLICATION NUMBER: US/09/858,880
; CURRENT PLING DATE: 2001-05-17
; PRIOR PILING DATE: 2000-05-17
; PRIOR PILING DATE: 2000-05-17
; PRIOR FILING DATE: 2000-05-17
; PRIOR FILING DATE: 2000-05-19
; NUMBER OF SEQ ID NOS: 13
; SEQ ID NO S: 13
    LEATH: 28
    LEATH: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Match 100.0%; Score 116; DB 12; Local Similarity 100.0%; Pred. No. 3.2e-11; les 23; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                Query Match 100.0%; Score 116; DB 12; Best Local Similarity 100.0%; Pred. No. 3.2e-11; Matches 23; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FRATURE: OTHER INFORMATION: synthetic construct
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: A GLP-1 derivative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           6 FISDVSSYLEGQAAKEFIAWLVK 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           6 FTSDVSSYLEGGAAKEFIAMLVK 28
                                                                                                                                                                                                                                                                                                                                                                                                                  1 FISDVSSYLEGOAAKEFIAMLVK 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 FISDVSSYLEGOAAKEFIAWLVK 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence
                                           ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Artificial Sequence
                                                                                   FEATURE:
) OTHER INFORMATION: Synthetic
US-09-772-607-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME/KEY: VARIANT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-858-880-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-858-880-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local S
Matches 23
                                                                                                                                                                                                                                                                                                                                                                                                                      ઠે
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            셤
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    a
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ઠે
                                                                                                                                                                                                                                                                                                                                   ö
                                                                                                                                                                                                                                                                                                                                        Gabs
                                                                                                                                                                                                                                                                                                                                   ö
                                                                                                                                                                                                                                                    Length 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match

100.0%; Score 116; DB 12; Length 28;
Best Local Similarity 100.0%; Pred. No. 3.2e-11;
Matches 23; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 11
US-09-767-981-1
US-09-767-981-1
Sequence 1, Application US/09767981
Fublication No. USZ0010006943A1
GENERAL INFORMATION:
APPLICANT: Byind, Jensen
APPLICANT: Byind, Jensen
ITLE OF INVENTION: Protracted GLP-1 Compositions
FILE REPERENCE: 4943-124-03
FILE REPERENCE: 493-124-03
FILE REPERENCE: 1997-06-17
FRICH APPLICATION NUMBER: US 08/860,103
FRICH PILING DATE: 1997-06-17
FRICH PILING DATE: 1994-12-23
FRICH APLICATION NUMBER: PCT/DK99/00263
FRICH PILING DATE: 1995-12-21
NUMBER OF SEQ ID NOS: 1
SOFTWARE: PatentIn version 3.2
SEQ ID NO
LUMBER OF SEQ ID NOS: 1
SEQ ID NO 1
LUMBER OF SEQ ID NOS: 1
SEQ ID NO 1
LUMBER OF SEQ ID NOS: 1
SEQ ID NO 1
LUMBER OF SEQ ID NOS: 1
SEQ ID NO 1
LUMBER OF SEQ ID NOS: 1
LUMBER OF SEQ ID NOS: 1
SEQ ID NO 1
LUMBER OF SEQ ID NOS: 1
                                                                                                                                                                                                                                            Query Match
100.0%; Score 116; DB 10;
Best Local Similarity 100.0%; Pred. No. 3.2e-11;
Matches 23; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SQUENCY, ASPONDED TO SQUENCY OF S
                                                                                                                      ; OTHER INFORMATION: synthetic construct
US-09-997-792-8
                                                                                                                                                                                                                                                                                                                                                                                                         6 FTSDVSSYLEGQAAKEFIAWLVK 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 PTSDVSSYLEGQAAKEFIAWLVK 23
TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               -09-772-607-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-767-981-1
                                                                                   FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                              õ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        日
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ò
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ద
```

us-09-943-084-5.rapb

```
Sequence 6, Application US/10091258

Sequence 6, Application US/10091258

Publication No. US20030073626A1

GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: Hathaway, David R

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING PERIPHERAL VASCULAR DISEASE

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING PERIPHERAL VASCULAR DISEASE

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING PERIPHERAL VASCULAR DISEASE

CURRENT FILING DATE: 2002-03-05

NUMBER OF SEQ ID NOS: 13

SOFTWARE: PATENTIAL 28

ILENGTH: 28

TYPE: PRT

CORGANISM: mammalian

US-10-091-258-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ö
                                                                                                                                                ö
; LOCATION: (1)..(28)
; OTHER INFORMATION: The last 3 amino acids of GLP-1 (7-37) are deleted US-10-169-657-6
                                                                                                                                                Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ..
                                                                                                                                                ô
                                                                                               Length 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Ouery Match 100.0%; Score 116; DB 14; Jength 28; Best Local Similarity 100.0%; Pred. No. 3.2e-11; Matches 23; Conservative 0; Mismatches 0; Indels (
                                                                                                                                             Indels
                                                                                            Ouery Match
100.0%; Score 116; DB 14;
Best Local Similarity 100.0%; Pred. No. 3.2e-11;
Matches 23; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Search completed: July 3, 2004, 00:51:50 Job time: 33.2857 secs
                                                                                                                                                                                         1 FTSDVSSYLEGQAAKBFIAWLVK 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              4 FTSDVSSYLEGGAAKEFIAMLVK 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             I FTSDVSSYLEGOAAKEFIAWLVK 23
                                                                                                                                                                                                                                                                                                                  RESULT 15
US-10-091-258-6
                                                                                                                                                                                              8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             8
                                                                                                                                                                                                                                          qq
```

Sequence 2, Appli Sequence 3, Appli Sequence 23, Appli Sequence 7, Appli Sequence 7, Appli Sequence 5, Appli Sequence 5, Appli Sequence 5, Appli Sequence 5, Appli Sequence 6, Appli Sequence 6, Appli Sequence 6, Appli Sequence 6, Appli

Appli Appli Appli

Sequence 1, 7 Sequence 2, 7 Sequence 2, 7 Sequence

Title: Perfect score:

Sequence:

OM protein

Run on:

Scoring table:

Total number

Database

Searched:

```
Geoghegan, Kieran F.
Danley, Dennis E.
TITLE OF INVENTION: Prolonged Delivery of Peptides
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSE: Pfizer Inc
STREET: 235 East 42nd Street, 20th Floor
CITY: New York
STARE: New York
COUNTRY: U.S.A.
US-09-943-084-5
US-09-943-084-4
US-09-943-084-4
US-09-943-084-2
US-09-943-084-2
US-09-943-084-5
US-09-943-084-5
US-09-943-084-5
US-08-356-231-5
US-09-508-802-2
US-09-508-802-2
US-09-508-802-2
US-09-508-803-3
US-09-508-803-3
US-09-508-803-3
US-09-508-803-3
US-09-358-803-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ALIGNMENTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ZIP: 10017-5755
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 5, Application US/09943084
GENERAL INFORMATION:
APPLICANT: Kim, Yesook
Lambert, William J.
Qi, Hong
Gelfand, Robert A.
                        88
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 1
US-09-943-084-5
                                                                          3, 2004, 00:22:02; Search time 147.429 Seconds (without alignments) 152.272 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                          6019581
               GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                              of hits satisfying chosen parameters:
                                                                                                                                                                                         6019581 segs, 976053577 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SUMMARIES
                                                                                                                 US-09-943-084-5
116
1 FTSDVSSYLEGQAAKEFIAWLVK 23
                                                                                                                                                                                                                                                               Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                       - protein search, using sw model
                                                                                                                                                                     Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                 Minimum DB seq length: 0
Maximum DB seq length: 200000000
                                                                                                                                                            BLOSUM62
                                                                           July
```

Description

Query Match Length DB

Score

Result No.

Sequence 1, Appli Sequence 6, Appli Sequence 1, Appli Sequence 2, Appli Sequence 2, Appli Sequence 2, Appli Sequence 3, Appli Sequence 6, Appli Sequence 7, Appli Sequence 24, Appli Sequence 24, Appli Sequence 8, Appli Sequence 8, Appli Sequence 6, Appli Sequence 7, Appli Sequence 8, Appli

```
Length 24;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Indels
Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Geoghegan, Kieran F.
Banley, Dennis B.
TITLE OF INVENTION: Prolonged Delivery of Peptides
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSER: Pfizer Inc
STREET: 235 East 42nd Street, 20th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               100.0%; Score 116; DB 24; 100.0%; Pred. No. 7.3e-11; tive 0; Mismatches 0;
             CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/943,084
FILING DATE: 31-Aug-2001
CLASSIFICATION: CURROWN:
PRIOR APPLICATION NUMBER: US/09/181,655
FILING DATE: CIPHOWN:
APPLICATION NUMBER: US/08/181,655
FILING DATE: CIPHOWN:
NAME: SHOKKA, RODERT F.
REGISTRATION NUMBER: 31,304
REFREENCE/DOCKET NUMBER: PC9391
TELEPRONE: (212)573-189
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STATE: New YORK
COUNTRY: U.S.A.
COMPUTER READABLE FORM:
MEDIUM TYPER: FLOSPY disk
COMPUTER: IBM FC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MAP POSITION: N/A SEQUENCE DESCRIPTION: SEQ ID NO: 4:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 FISDVSSYLEGGAAKEFIAWLVK 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: N/A
STRAIN: N/A
STRAIN: N/A
INDYVIDUAL ISOLATE: N/A
HAPLOTYPE: N/A
CELL LINE: N/A
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Kim, Yesook
Lambert, William J.
Qi, Hong
Gelfand, Robert A.
                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 29 amino acids
TYPE: amino acids
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHEFICAL: NO
ANTI-SERNES: NO
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LIBRARY: N/A
CLONE: N/A
POSITION IN GRNOWE:
CHROMOSOME/SEGMENT: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 2, Application US/09943084
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                   TELEX: N/A
INFORMATION FOR SEQ ID NO: 4:
ICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 100.
Best Local Similarity 100.
Matches 23; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-943-084-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-943-084-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 셤
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ð
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 23;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Geoghagan, Kieran F.
Danley, Dennis B.
Danley, Dennis B.
TITLE OF INVENTION: Prolonged Delivery of Peptides
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSES: Ffizer Inc
STRET: 235 East 42nd Street, 20th Floor
CITY: New York
CUTY: New York
COUNTR: U.S.A.
ZIP: 10017-5755
COMPUTER: READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Indels
         SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
100.0%; Score 116; DB 24;
Best Local Similarity 100.0%; Pred. No. 6.9e-11;
Matches 23; Conservative 0; Mismatches 0;
                       CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/943,084
FILING DATE: 31-Aug-2001
CLASSIFICATION: UNKNOWN-
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/181,655
FILING DATE: UNKNOWN-
ATTORNEY/AGENT INFORMATION:
NAME: Sheyka, Robert F.
REFERENCE/DOCKET NUMBER: 31,304
REFERENCE/DOCKET NUMBER: 31,304
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION: (212)573-1939
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CHROMOSOME/SEGMENT: N/A MAP POSITION: N/A SEQUENCE DESCRIPTION: SEQ ID NO: 5:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 FTSDVSSYLEGQAAKBFIAWLVK 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 FTSDVSSYLEGOAAKEFIAWLVK 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 4, Application US/09943084
GENERAL INFORMATION:
APPLICANT: Kim, Yesook
Q1, Hong
G1, Hong
Gelfand, Robert A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: N/A
STRAIN: N/A
INDIVIDUAL ISOLATE: N/A
HAPLOTYPE: N/A
                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 28 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: amino acid
STRANDEDNESS: single
TOPOLCGY: linear
MOLECTLE TYPE: peptide
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                        INFORMATION FOR SEQ ID NO: 5:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CELL LINE: N/A IMMEDIATE SOURCE: LIBRARY: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLONE: N/A
POSITION IN GENOME
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 2
US-09-943-084-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-943-084-5
```

à g

```
PCT-USO2-13088-6
Sequence 6, Application PC/TUS0213088
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TREATING CONDITIONS ASSOCIATED WITH TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TREATING CONDITIONS ASSOCIATED WITH TITLE OF INVENTION: METHODS AND COMPOSITIONS POSITIONS OF TITLE OF INVENTION: MUMBER: PCT/USO2/13088
CURRENT PILING DATE: 2002-04-24
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patentin version 3.1
SEQ ID NO 6
LENGTH: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ..
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     DB 24; Length 26;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity 100.0%; Pred. No. 9.7e-11;
Matches 23; Conservative 0; Mismatches 0; Indels
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NOMBER: US/09/543,084
FILING DATE: 31-Aug-2001
CLASSIFICATION: «Unknown»
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/181,655
FILING DATE: «Unknown»
ATTORNEY AGENT INFORMATION:
NAME: Sheyka, Robert F.
REGISTRATION NUMBER: 31,304
REFERENCE/DOCKET NUMBER: 91,304
TELECOMPUNICATION INFORMATION:
TELECOMPUNICATION INFORMATION:
TELECOMPUNICATION INFORMATION:
TELECOMPUNICATION INFORMATION:
TELECOMPUNICATION INFORMATION:
TELEFAK: (212)573-1189
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
100.0%; Score 116; DB 24;
Best Local Similarity 100.0%; Pred. No. 8e-11;
Matches 23; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               UNITS: N/A SEQUENCE DESCRIPTION: SEQ ID NO: 3:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STRAIN: N/A
INDIVIDUAL ISOLATE: N/A
HAPLOTYPE: N/A
CELL LINE: N/A
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLONE: N/A
POSITION IN GENOME:
CHROMOSOME, CHROMOSOME, N/A
MAP POSITION: N/A
                                                                                                                                                                                                                                                                                                                                                                  TELEX: N/A
INPORMATION FOR SEQ ID NO: 3:
LENGTH: 30 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PCT-US02-13088-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-943-084-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT
ORGANISM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            셤
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ઠે
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 26;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Kim, Yesook
APPLICANT: Kim, Yesook

Qi, Hong
Gelfand, Robert. A.
Geoghegan, Kieran F.
Danley, Dennis E.
TITIE OF INVENTION: Prolonged Delivery of Peptides
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESSE:
ADDRESSEE: 215 East 42nd Street, 20th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Indels
              SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Cuery Match 100.0%; Score 116; DB 24; Best Local Similarity 100.0%; Pred. No. 8e-11; Matches 23; Conservative 0; Mismatches 0;
                              CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/943,084
FILING DATE: 31-Aug-2001
CLASSIFICATION: «Unknown»
PRIOR APPLICATION NUMBER: US/08/181,655
FILING DATE: «Us/cnown»
ATTORNEY/AGENT INFORMATION:
NAME: Sheyka, Robert F.
REGISTRATION NUMBER: 31,304
REFERENCE/DOCKET NUMBER: 31,304
TELECOMMUNICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE DESCRIPTION: SEQ ID NO: 2:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: U.S.A.
ZIP: 10017-5755
COMPUTER READABLE FORM:
WEDIUM TYPE: Floppy disk
COMPUTER: IRM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 FISDVSSYLEGGAAKEFIAMLUK 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 FTSDVSSYLEGOAAKEFIAWLVK 23
                                                                                                                                                                                                                                                                                                                                                 TELEX: N/A
INFORMATION FOR SEQ ID NO: 2:
ERISTICS:
LENGTH: 31 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: amino acid
STRANDEDNESS: single
POPOLOCY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
FRACHENT TYPE: NO
FRACHENT TYPE: N-terminal
ORIGINAL SOURCE:
ORGANISM: N/A
STRAIN: N/A
INDIVIDUAL ISOLATE: N/A
HAPLOTYPE: N/A
CELL LINE: N/A
IMMEDIATE SOURCE:
LIBRARY: N/A
LIBRARY: N/A
                                                                                                                                                                                                                                                                                                      TELEPHONE: (212)573-1189
TELEFAX: (212)573-1939
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CHROMOSOME/SEGMENT: N/A MAP POSITION: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 3, Application US/09943084
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: New York
STATE: New York
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLONE: N/A
POSITION IN GENOME:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         UNITS: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            -09-943-084-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-09-943-084-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 4
```

ò Ġ,

ö

ô

6 PISDVSSYLEGGAAKEFIAWLVK 28

FTSDVSSYLEGGAAKEFIAMLVK 23

ò 임

```
; FEATURE:
; OTHER INFORMATION: GLP-1 molecule having insulinotropic activity
PCT-US03-26818-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: GLUCAGON-LIKE PEPTIDE AND INSULINOTROPIN TITLE OF INVENTION: BERIVATIVES
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: CARESPONDENCE ADDRESS:
STREET: Eastern Point Road
CITY: Groton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 28;
                                                                                                                         APPLICANT: PRIOR.
APPLICANT: PRIOR.
APPLICANT: Christopher P.
APPLICANT: LAI, Char-Huei
APPLICANT: LAI, Char-Huei
APPLICANT: TUNER, Homayoun
APPLICANT: TUNER, Andrew J.
TITLE OF INVENTION: MODIFIED TRANSFERRIN FUSION PROTEINS
FILE REFERENCE: 54710-5001-01-WO
CURRENT APPLICATION NUMBER: PCT/US03/26818
CURRENT APPLICATION NUMBER: D004-09-09
PRIOR PLING DATE: 2003-08-28
PRIOR PLING DATE: 2003-09-30
PRIOR PILING DATE: 2003-09-04
NUMBER OF SEQ ID NOS: 90
SOFTWARE: Patentin version 3.2
SEQ ID NO 7
LENGTH: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CAPTER POSAY

CAPTER PRODUCTOR TREADABLE FORM:

WEDIUM TYPE: Floppy disk
COUNTYER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION PATA:
APPLICATION NUMBER: US/07/899,073
FILING DATE: 19920615
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: BEADSON, GREGG C.
REGISTRATION NUMBER: 30,997
REFERENCE/DOCKET NUMBER: PC8156GCB
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 100.0%; Score 116; DB 1; Best Local Similarity 100.0%; Pred. No. 8.7e-11; Matches 23; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   6 FTSDVSSYLEGQAAKEFIAWLVK 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 FISDVSSYLEGQAAKEFIAWLVK 23
                                                                             Sequence 7, Application PC/TUS0326818 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Daumy, Gaston O.
APPLICANT: Francoeur, Michael L.
APPLICANT: Larson, Eric R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-07-899-073-5; Sequence 5, Application US/07899073; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT
ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: (203) 441-5221
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 06340
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STATE: CT
                                                               PCT-US03-26818-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ò
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       음
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SCHEMBLAIL INTOMENTION:
APPLICANT: PRIOR, CLRIStopher P.
APPLICANT: SADEGHI, Homayoun
APPLICANT: TUDNER, Andrew J.
TITLE OF INVENTION: ORAL DELIVERY OF MODIFIED TRANSFERRIN FUSION PROTEINS
FILE REFERENCE: 54710-5006-W0
CURRENT PAPLICATION WHERE: PCT/US03/26778
CURRENT PRING DATE: 2002-08-28
PRIOR APPLICATION WHERE: US 60/406,977
PRIOR PILING DATE: 2003-03-04
PRIOR PILING DATE: 2003-03-04
PRIOR PILING DATE: 2003-03-04
PRIOR FILING DATE: 2003-04-08
NUMBER OF SEQ ID NOS: 54
NUMBER OF SEQ ID NOS: 54
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
COTHER INFORMATION: GLP-1 molecule having insulinotropic activity PCT-US03-26778-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               .
0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ö
                                                                                                                                                                                                                     APPLICANT: Wadsworth, Samuel C.
APPLICANT: Armentano, Donna
APPLICANT: Armentano, Donna
APPLICANT: Armentano, Donna
APPLICANT: Barsons, Geoffrey
TITLE OF INVENTION: Blood Sugar Disorders
TITLE OF INVENTION: Methods of Treating Diabetes and Other
TITLE OF INVENTION: Methods of Treating Diabetes and Other
TITLE OF INVENTION: Methods of Treating Diabetes and Other
TITLE OF INVENTION: Methods of Treating Diabetes
FILE REFERENCE: 2478.201906.2 PCT
CURRENT FILING DATE: 2002-08-07
PRIOR APPLICATION NUMBER: US 60/310,982
PRIOR FILING DATE: 2001-08-08
NUMBER OF SEQ ID NOS: S4
SOFTWARE: PASSES for Windows Version 4.0
SEQ ID NO 23
LENGTH: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
100.0%; Score 116; DB 1; Length 28;
Best Local Similarity 100.0%; Pred. No. 8.7e-11;
Matches 23; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      , OTHER INFORMATION: Modified GLP-1 molecule, GLP-1 (7-34) PCT-US02-25227-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
100.0%; Score 116; DB 1;
Best Local Similarity 100.0%; Pred. No. 8.7e-11;
Matches 23; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 FISDVSSYLEGOAAKEFIAWLVK 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FISDVSSYLEGQAAKEFIAWLVK 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FISDVSSYLEGGAAKEFIAWLVK 28
FISDVSSYLEGOAAXBFIAMLVK 26
                                                                                                                                                   , Application PC/TUS022527
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 7, Application PC/TUS0326778 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Artificial sequence
                                                                                                                                                                                                          APPLICANT: Genzyme Corporation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Artificial Sequence
                                                                                                                                                      Sequence 23, App
GENERAL INFORMA'
                                                                                                                               PCT-US02-25227-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQ ID NO 7
```

RESULT 7

ŝ

ð D,

Gaps

ö

Gaps ..

Indels

```
APPLICANT: Patridge, Bruce
APPLICANT: Patridge, Bruce
APPLICANT: Stout, Jay
APPLICANT: Henriksen, Dennis
APPLICANT: Manning, Shane
APPLICANT: De La Motta, Rebecca
APPLICANT: Holnquist, Barton
APPLICANT: Wagner, Fred
TITLE OF INVENTION: PRODUCTION OF PEPTIDE USING RECOMBINANT
TITLE OF INVENTION: PUSION PROTEIN CONSTRUCTS
CORRESPONDENCE: 33
CORRESPONDENCE: 33
                                                         Length 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 100.0%; Pred. No. 8.7e-11;
Matches 23; Conservative 0; Mismatches 0;
                                                       100.0%; Score 116; DB 4;
11arity 100.0%; Pred. No. 8.7e-11;
Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: Merchant & Gould STREET: 3100 Norwest Center, 90 S. 7th Street CITY: Minneapolis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 55402
ZIP: 55402
COMPUTER READABLE FORM:
MEDIUW TYPE: Diskette
COMPUTER: IEM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/350,530A
FILING DATE: 07-DEC-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/350,530A
FILING DATE: TROCMATION:
AMME: CATTER, CHARLES 5,093
REGERENCE/DOCKET NUMBER: 35,093
REGERENCE/DOCKET NUMBER: 35,093
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 612/332-5300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 FISDVSSYLEGGAAKEFIAWLVK 23
                                                                                                                                                 1 FTSDVSSYLEGOAAKEFIAWLVK 23
                                                                                                                                                                                        6 FTSDVSSYLEGOAAKEFIAWLVK 28
                                                                                                                                                                                                                                                                                           Sequence 21, Application US/08350530A; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         21;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         internal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: peptide HYPOTHETICAL: NO
MAP POSITION: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            amino acid
                                                              Query Match
Best Local Similarity
Matches 23; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FRAGMENT TYPE: 3
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STATE: MIN COUNTRY: U
                                                                                                                                                                                                                                                                                  US-08-350-530A-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-08-350-530A-21
         ;
US-08-044-133-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      셤
                                                                                                                                                   à
                                                                                                                                                                                        8
                                                                                                                                                                                             ö
                                                                                                                                                                                               Gaps
                                                                                                                                                                                               ô
                                                                                                                                                 Query Match 100.0%; Score 116; DB 3; Length 28; Best Local Similarity 100.0%; Pred. No. 8.7e-11; Matches 23; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Lambert, William J.
APPLICANT: Lambert, William J.
APPLICANT: Galfand, Robert A.
APPLICANT: Danley, Dennis E.
TITLE OF INVENTION: Prolonged Delivery of Peptides
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSER: Pfizer Inc
STATE: New York
CUTTY: New York
STATE: New York
COMPUTR: 1255
COMPUTR: 125.A.
ZIP: 10017-5755
COMPUTR: 18M PC COMPAIDED
COMPUTR: 18M PC COMPAIDED
SOFTWARE: PLOPS/MS-DOS
SOFTWARE: PLOPS/MS-DOS
SOFTWARE: 18M PC COMPAIDED
CLASSIFICATION NUMBER: US/08/044,133
FILING DATE: 07-APR-1993
CLASSIFICATION NUMBER: 31,304
RESERRENCE/DOCKET NUMBER: B.
TELEFROME (212) 573-1189
TELEFROME (212) 573-1189
                                                                                                                                                                                                                                           1 FISDVSSYLEGOAAKEFIAWLVK 23
                                                                                                                                                                                                                                                                                  6 FISDVSSYLEGOAAKEFIAWLVK 28
                                                                                                                                                                                                                                                                                                                                                                                          Sequence 5, Application US/08044133 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ANTI-SENSE: NO FRAGMENT TYPE: N-terminal ORIGINAL SOURCE: ORIGINAL SOURCE: ORGANISM: N/A INDIVIDUAL ISOLATE: N/A HAPLOTYPE: N/A HAPLOTYPE: N/A IMMEDIATE SOURCE: LIBEARY: N/A CLIA LINE: N/A DOSITION IN GENOME: CHROMOSOME/SEGMENT: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 28 amino acids
                       LENGTH: 28 amino acids
TYPE: AMINO ACID
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: amino acid
STRANDENNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
    SEQUENCE CHARACTERISTICS
                                                                              , MOLECULE TYPE: peptide US-07-899-073-5
                                                                                                                                                                                                                                                                                                                                                     RESULT 10
US-08-044-133-5
                       LENGTH:
                                                                                                                                                                                                                                           ठे
```

ö

Gaps

ö

Indels

Length 28;

```
ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity 100.0%; Pred. No. 8.7e-11;
Matches 23; Conservative 0; Mismatches 0; Indels
                                           COMPUTER READABLE FORM:
WEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OMPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/520,485
FLING DATE: 29-NG-1995
CLASSIFICATION: 435
ATVORNEY/AGENT INFORMATION:
NAME: CATTER' Charles G
REGISTRATION NUMBER: 35,093
REPERRICE/DOCKET NUMBER: 35,093
REPERRICE/DOCKET NUMBER: 35,093
RECISTRATION NUMBE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 1. Application US/08860103
GENERAL INFORMATION:
APPLICANT: Jonsen, Elvind
APPLICANT: Jorgensen, Klavs
TITLE OF INVENTION: Protracted GLP-1
TITLE OF INVENTION: Compositions
NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
ADDRESSEE: Novo Nordisk of North America, Inc.
STREET: 405 Lexington Avenue - 64ht Fl.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTE: NATA COUNTRY.

COMPUTE: 10017

COMPUTER: Diskette
MEDIUM TYPE: Diskette
COMPUTER: IBM Comparible
OPERATING SYSTEM: DOS
SOFTWARE: FASTEN: DOS
SOFTWARE: TATON DATA:
APPLICATION NUMBER: US/08/860,103
FILING DATE: 17-JUN-1997
FLING DATE: 17-JUN-1997
FLING DATE: 17-JUN-1997
FLING DATE: 1-DEC-1995
ATTORNEY/AGENT INFORMATION:
APPLICATION NUMBER: PCT/DK95/00516
FILING DATE: 1-DEC-1995
ATTORNEY/AGENT INFORMATION:
NAME: Lambiris, Elias J
REGISTRATION NUMBER: 33,728
REGISTRATION NUMBER: 33,728
REGISTRATION NUMBER: 33,728
REGISTRATION NUMBER: 33,728
TELEPHONE: 21-878-9652
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              6 FTSDVSSYLEGOAAKEFIAWLVK 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: peptide
IMMEDIATE SOURCE:
CLONE: GLD1 (7-34)
                               ZIP: 55402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy o
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLONE: G
JS-08-520-485-4
COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               à
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  qq
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
                                                                                                                                             Sequence 5, Application US/08356231
GENERAL INFORMATION:
APPLICANT: Andrews, Glenn C.
APPLICANT: Daumy, Gaston O.
APPLICANT: Larsoceur, Michael L.
APPLICANT: Larson, Eric M.
APPLICANT: Larson, Eric M.
TITLE OF INVENTION: GLUCAGON-LIKE PEPTIDE AND INSULINOTROPIN
TITLE OF INVENTION: DERIVATIVES
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
ADDRESSEE: Gregg C. Benson, Pfizer Inc
STREET: Bastern Point Road
CITY: Groton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              , DB 7; Length 28;
8.7e-11;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Stout, Jay
APPLICANT: Stout, Jay
APPLICANT: Stout, Jay
APPLICANT: Stout, Jay
APPLICANT: Henriksen, Dennis
APPLICANT: Henriksen, Dennis
APPLICANT: Manning, Shane
CORRESPONDENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSE: Merchant & Gould
STREET: 3100 Norwest Center
CITY: Minneapolis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: Groton
STATE: CT
COMPUTER READABLE FORM:
MEDIUM TYPE: IS 10994 disk
COMPUTER: IBM PC compatible
SURRENT APPLICATION NUMBER: US 07/899,073
FILING DATE: 15-JUN-1992
ATTORNEY AGENT INFORMATION:
NAME: Benson, Gregg C.
REGISTRATION NUMBER: 30,997
REPERENCE/DOCKET NUMBER: 90,997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
100.0%; Score 116; D
Best Local Similarity 100.0%; Pred. No. 8.7
Matches 23; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 4, Application US/08520485 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEPANE: (203) 441-4901
TELEFAX: (203) 441-521
INFORMATION FOR SEQ ID NO: 5: SEQUENCE CHARACTERISTICS:
LENGTH: 28 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    , MOLECULE TYPE: peptide US-08-356-231-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 amino acid
GY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-08-520-485-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                8
```

```
ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ö
                                                                                                                                                                                                                                                                                                                                     Gaps
                                                                                                                                                                                                                                                                                                                                     ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ö
                                                                                                                                                                                                                                                            Length 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 28;
                                                                                                                                                                                                                                                                                                                                 Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-UB-860-101A-1

Sequence 1, Application US/0860103A
GENERAL INFORMATION:
APPLICANT: Jorgensen, Riavs
TITLE OF INVENTION: Protracted GLP-1
TITLE OF INVENTION: Compositions
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSES: ANON ONCHICK OF NORTH AMERICA, INC.
STREET: 405 Lexington Avenue - 64ht Fl.
CITY: New York
STATE: NY
COUNTY: USA
COUNTY: USA
CONPUTER: IEM Compatible
OPERATING SYSTEM: DATA:
MEDIUM TYPE: Diskete
COMPUTER: READBLE FORM:
MEDIUM TYPE: Diskete
COMPUTER: READBLE FORM:
MEDIUM TYPE: 1017
COMPUTER: READBLE FORM:
MEDIUM TYPE: 17-UUN-1997
COMPUTER: 17-UUN-1997
CONPUTER: 17-UUN-1997
CONPUTER: 17-UUN-1997
CONPUTER: 17-UUN-1997
CONPUTER: 17-UUN-1997
CONPUTER: 17-UUN-1997
CONPUTER: 184
COMPUTER: 184
COMPUTER: 184
COMPUTER: 184
COMPUTER: 184
COMPUTER: 184
COMPUTER: 184
CONPUTER: 184
CONPUTER
                                                                                                                                                                                                                                                    Query Match
100.0%; Score 116; DB 12;
Best Local Similarity 100.0%; Pred. No. 8.7e-11;
Matches 23; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 100.0%; Score 116; DB 12; Best Local Similarity 100.0%; Pred. No. 8.7e-11; Matches 23; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                6 FISDVSSYLEGGAAKEFIAMLVK 28
                                                                                                                                                                                                                                                                                                                                                                                                      1 FISDVSSYLEGGAAKEFIAWLVK 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     6 FTSDVSSYLEGQAAKEFIAMLVK 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 PTSDVSSYLEGGAAKEPIAWLVK 23
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-860-103-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 15
US-08-860-103A-1
                                                                                                                                                                                                                                                                                                                                                                                                      ઠે
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       qq
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   કે
```

Search completed: July 3, 2004, 00:46:14 Job time : 147.429 secs

```
FILE REFERENCE: 5062CIP
CURRENT PAPPLACATION NUMBER: US/10/716,326
CURRENT FILING DATE: 2003-11-17
PRIOR APPLICATION NUMBER: US 10/215,272
PRIOR PLING DATE: 2002-08-07
PRIOR APPLICATION NUMBER: US 50/310,982
PRIOR FILING DATE: 2001-08-09
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 125, App
Sequence 23, Appl
Sequence 23, Appl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     7, Appli
24, Appli
8, Appli
1, Appli
2, Appli
6, Appli
6, Appli
7, Appli
55, Appli
57, Appli
                                                                                                        July 3, 2004, 00:25:27; Search time 10.8571 Seconds (without alignments) 105.442 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Description
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence
Sequence
Sequence
Sequence
Sequence
Sequence
Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence
Sequence
Sequence
Sequence
Sequence
Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence
Sequence
Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Seguence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Pending_Patents_AA_New:*

| cgn2_6/ptodata/2/paa/USOG_NEW_COMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-10-291-226A-125
US-10-716-326-23
US-10-716-326-23
US-60-549-567-7
US-10-715-976-24
US-10-715-976-24
US-10-715-976-24
US-60-549-567-8
PCT-US04-04421-2
PCT-US04-04421-7
PCT-US04-04421-7
PCT-US04-04421-7
PCT-US04-04421-5
PCT-US04-04421-5
PCT-US04-04421-5
PCT-US04-04421-5
PCT-US04-04421-111
PCT-US04-04421-112
PCT-US04-04421-112
PCT-US04-04421-115
PCT-US04-04421-115
PCT-US04-04421-115
PCT-US04-04421-115
PCT-US04-04421-115
PCT-US04-04421-115
                                                                                                                                                                                                                                                                                                                                                        Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                      327902 seqs, 49773865 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SUMMARIES
                                                                                                                                                                                                         116
1 FTSDVSSYLEGQAAKEFIAWLVK 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                         Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                        - protein search, using sw model
                                                                                                                                                                                                                                                                  BLOSUM62
Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                                                                   Minimum DB seq length: 0
Maximum DB seq length: 200000000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query
Match Length DB
                                                                                                                                                                                     US-09-943-084-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                100.0
100.0
100.0
                                                                                                                                                                                       Title:
Perfect score:
                                                                                                                                                                                                                                                                  Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score
                                                                        OW protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Database :
                                                                                                                                                                                                                               Sequence:
                                                                                                                                                                                                                                                                                                                        Searched:
                                                                                                              Run on:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Result
```

100.0 30 1 PCT-US04-04421-353 100.0 30 1 PCT-US04-04421-363 100.0 30 1 PCT-US04-04421-363 100.0 30 1 PCT-US04-04421-365 100.0 30 1 PCT-US04-04421-390 100.0 30 1 PCT-US04-04421-390 100.0 30 1 PCT-US04-04421-430 100.0 30 1 PCT-US04-04421-441 100.0 30 1 PCT-US04-04421-441 100.0 30 1 PCT-US04-04421-495 100.0 30 1 PCT-US04-04421-495 100.0 30 1 PCT-US04-04421-495 100.0 30 1 PCT-US04-04421-539 1100.0 30 1 PCT-US04-0441-539 1100.0 30 1 PCT-US04-0441-199 1100.0 30 1 PCT-US04-109 1100.0 30 1 PCT-US04-0441-199 1100.0	Sequence 353, App Sequence 363, App Sequence 385, App Sequence 386, App Sequence 390, App Sequence 391, App Sequence 441, App Sequence 441, App Sequence 441, App Sequence 465, App Sequence 495, App Sequence 538, App Sequence 546, App Sequence 546, App Sequence 548, App Sequence 618, App Sequence 618, App	ACTIVITY	Length 28; Indels 0; Gaps 0;	and Other Blood Sugar Disorders
116 100.0 30 116 100.0 10		NISTS OF ,226A 91	ore 116; DB 6; ed. No. 1.9e-10; fismatches 0; 23	ting Diabetes
27 28 28 28 29 30 30 31 32 33 33 33 33 33 33 33 33 33 33 34 44 44	116 100.0 116 100.0 117 100.0 118 100.0 119 100.0 119 100.0 119 100.0 119 100.0 119 100.0 119 100.0 119 100.0 119 100.0 119 100.0 119 100.0 119 100.0	SSULT 1 S-10-291-226A-125 Sequence 125, Application US/ Sequence 125, Application US/ GENERAL INFORMATION: APPLICANT: Larsen, Bjarne Du APPLICANT: Mikkelsen, Jens APPLICANT: Mikkelsen, Jens APPLICANT: Mikkelsen, Jens TITLE OF INVENTION: NOVEL PF FILE REPERENCE: 55511(45487) CURRENT APPLICATION NUMBER: US PRIOR APPLICATION NUMBER: US PRIOR PILING DATE: 1999-07-1 NUMBER OF SEQ ID NOS: 153 SOFTWARE: PAT OF THE SECOND OF T	Query Match Best Local Similarity 10 Matches 23; Conservativ 1 PTSDVSSYLECQAA 4 FTSDVSSYLECQAA	RESULT 2 16-116-126-23 Sequence 23, Application US/10 GENERAL INPORMATION: APPLICANT: Gensyme Corporatio APPLICANT: Wadsworth, Samuel APPLICANT: Armentano, Donna APPLICANT: Armentano, Tonna APPLICANT: Armentano, Tonna APPLICANT: Pareons, Geoffrey TITLE OF INVENTION: Methods o

us-09-943-084-5.rapn

දි

```
APPLICANT: Wadsworth, Sammel
APPLICANT: Wannand
APPLICANT: Armentano, Donna
APPLICANT: Gregory, Richard J.
APPLICANT: Gregory, Richard J.
APPLICANT: Parsons, Geoffrey
TITLE OF INVENTION: Methods of Treating Diabetes and Other Blood Sugar Disorders
THIR REPERENCE: 5062CIP
CURRENT APPLICATION NUMBER: US/10/716,326
CURRENT FILING DATE: 2003-11-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Wadsworth, Samuel
APPLICANT: Armentano, Donna
APPLICANT: Gregory, Richard J.
APPLICANT: Gregory, Richard J.
APPLICANT: Parsons, Geoffrey
TILE OF INVENTION: Methods of Treating Diabetes and Other Blood Sugar Disorders
FILE REFERENCE: 5121
                                                                                                                                                                                                                                                                                                                    ò
                                                                                                                                                                                                                                                                                                                    Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
                                                                                                                                            ; FEATURE:
; OTHER INFORMATION: GLP-1 molecule having insulinotropic activity
US-66-549-567-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ö
                                                                                                                                                                                                                                                          Length 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Modified GLP-1 molecule, GLP-1 (7-35)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 100.0%; Score 116; DB 6; Best Local Similarity 100.0%; Pred. No. 2e-10; Matches 23; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                    Query Match
100.0%; Score 116; DB 7;
Best Local Similarity 100.0%; Fred. No. 1.9e-10;
Matches 23; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: US 10/215,272
PRIOR FILING DATE: 2002-08-07
PRIOR APPLICATION NUMBER: US 60/310,982
PRIOR APPLICATION NUMBER: 08 0/310,982
NUMBER OF SEQ ID NOS: 54
SOFTWARE: Patentin version 3.2
EBQ ID NO 24
LENGTH: 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION NUMBER: US/10/715,976
CURRENT FILING DATE: 2003-11-17
NUMBER OF SEQ ID NOS: 54
SOFTWARE: PatentIn version 3.2
SEQ ID NO 24
LENGTH: 29
                                                                                                                                                                                                                                                                                                                                                                                                                   6 FISDVSSYLEGGAAKEFIAWLVK 28
                                                                                                                                                                                                                                                                                                                                                                           1 FTSDVSSYLEGQAAKEFIAWLVK 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 FISDVSSYLEGOAAKEFIAWLVK 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   6 PTSDVSSYLEGOAAKEFIAWLVK 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 24, Application US/10715976; GENERAL INFORMATION:
APPLICANT: General Corporation
APPLICANT: Wadsworth, Samuel
APPLICANT: Armentano, Donna
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 24, Application US/10716326 GENERAL INFORMATION:
SOFTWARE: Patentin version 3.2 SEQ ID NO 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Genzyme Corporation
                                                                                                                 ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 6
US-10-715-976-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 5
US-10-716-326-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          JS-10-716-326-24
                                                                                                                                                                                                                                                                                                                                                                              Š
                                                                                                                                                                                                                                                                                                                                                                                                                               셤
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ઠ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Genzyme Corporation
APPLICANT: Madsworth, Samuel
APPLICANT: Madsworth, Samuel
APPLICANT: Armentano, Donna
APPLICANT: Armentano, Donna
APPLICANT: Armentano, Donna
APPLICANT: Darsons, Geoffrey
TITLE OF INVENTION: Methods of Treating Diabetes and Other Blood Sugar Disorders
TITLE OF INVENTION: Methods of Treating Diabetes and Other Blood Sugar Disorders
TITLE OF TILLNG DATE: 2003-11-17
SOFTWARE: Patentin version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ö
                                                                                                                                                                                                                                                                                                                                               ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ;
0
                                                                                                                                                                                                                                                                                                                                               ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 100.0%; Score 116; DB 6; Length 28; Best Local Similarity 100.0%; Pred. No. 1.9e-10; Matches 23; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 7. Application US/60549567; GENERAL INFORMATION:
APPLICANT: SADSGHI, Homeayoun; APPLICANT: TURNER, Andrew J.
APPLICANT: TURNER, Andrew J.
TITLE OF INVENTION: MODIFIED TRANSFERRIN FUSION PROTEINS; TITLE OF INVENTION: MODIFIED TRANSFERRIN FUSION PROTEINS; FILE REFERENCE: 54710-5011-PR
CURRENT APPLICATION NUMBER: US/60/549.567
CURRENT PILING DATE: 2004-08-30
PRIOR APPLICATION NUMBER: US 60/334,059
PRIOR FILING DATE: 2001-08-30
PRIOR PLILING DATE: 2001-130
PRIOR PLILING DATE: 2001-130
PRIOR PLILING DATE: 2002-08-30
PRIOR PLILING DATE: 2002-08-30
PRIOR PLILING DATE: 2002-08-30
PRIOR PLILING DATE: 2002-08-30
PRIOR APPLICATION NUMBER: US 60/406,977
PRIOR APPLICATION NUMBER: US 60/406,977
PRIOR PLILING DATE: 2003-08-30
PRIOR PLILING DATE: 2003-08-28
PRIOR PLILING DATE: 2003-08-28
NUMBER OF SEQ ID NOS: 128
                                                                                                                                                                                                                                                                                            Length 28;
                                                                                                                                                                                                                                                                                                                                               Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE:
; OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (7-34)
US-10-715-976-23
                                                                                                                                                                                             ) OFHER INFORMATION: Modified GLP-1 molecule, GLP-1 (7-34) US-10-716-326-23
                                                                                                                                                                                                                                                                                     Query Match 100.0%; Score 116; DB 6; Best Local Similarity 100.0%; Pred. No. 1.9e-10; Matches 23; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                        6 FISDVSSYLEGQAAKEFIAWLVK 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    6 FISDVSSYLEGGAAKEFIAMLVK 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 PISDVSSYLEGOAAKEFIAWLVK 23
                                                                                                                                                                                                                                                                                                                                                                                                      1 FISDVSSYLEGQAAKEFIAWLVK 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Application US/10715976
NUMBER OF SEQ ID NOS: 54
SOFTWARE: Patentin version 3.2
SEQ ID NO 23
LENGTH: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Artificial Sequence
                                                                                                                                               ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-60-549-567-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQ ID NO 23
LENGTH: 28
                                                                                                                    TYPE: PRT
```

8

ORGANISM: Artificial Sequence

ö

```
OTHER INFORMATION: Description of Artificial Sequence: Synthetic modified hGLP-1
OTHER INFORMATION: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
ORGANISM: Artificial Sequence
FRATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic modified hGLP-1
OTHER INFORMATION: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 2. Application PC/TUS0404421
GENERAL INPORMATION:
APPLICANT: SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS
APPLICANT: SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS
INTERNATION: ANALOGUES OF GLP-1
FILE REFERENCE: 129P-PCT2
CURRENT APPLICATION NUMBER: PCT/US04/04421
CURRENT FILING DATE: 2004-02-17
NUMBER OF SEQ ID NOS: 781
PRIOR FILING DATE: 2003-02-19
PRIOR FILING DATE: 2003-02-19
SOCIUANE: PALCHING DATE: 2003-02-19
                                                                                                                                                                                                                                                                                                                                                                                                                                         0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 5, Application PC/TUS0404421
GENERAL INFORMATION:
APPLICANT: SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS
APPLICANT: SCIENTIFIQUES, S.A.S
APPLICANT: DONG, ZHENG ZIN
                                                                                                                                                                                                                                                                                                                                                                                  Length 30;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            DB 1; Length 30;
                                                                                                                                                                                                                                                                                                                                                                                                                                         Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Indels
                                                                                                                                                                                                                                                                                                                                                                               Query Match 100.0%; Score 116; DB 1; Best Local Similarity 100.0%; Pred. No. 2e-10; Matches 23; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
100.0%; Score 116; D
Best Local Similarity 100.0%; Pred. No. 2e-
Matches 23; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               6 FISDVSSYLEGOAAKEFIAWLVK 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 PTSDVSSYLEGOAAKEFIAWLVK 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     6 FISDVSSYLEGOAAKEFIAMLVK 28
                                                                                                                                                                                                                                                                                                  CTT-US04-04421-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE: OTHER INFORMATION: c-term amidation
                                                   PEATURE:
NAME/KSY: MOD RES
LOCATION: (1) -. (1)
PEATURE:
PEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE:
NAME/KEY: MOD RES
LOCATION: (1) - (1)
OTHER INFORMATION: N-Me-His
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE:
NAME/KEY: MOD_RES
LOCATION: (29)..(29)
OTHER INFORMATION: Beta-Ala
                                                                                                                                                                                                                 LOCATION: (29).
OTHER INFORMATION: ALD
FEATURE:
                                                                                                                                                                                          NAME/KEY: MOD_RES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PCT-US04-04421-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PCT-US04-04421-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PCT-US04-04421-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ò
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              a
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ò
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       a
                                                                                                                                                                ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
                                                                                                                                                                   Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 1, Application PC/TUS0404421

GENERAL INFORMATION:

APPLICANT: SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS

TITLE OF TRYBENTORIS ZIN

FILE REFRERNCE: 129P-PCT2

CURRENT FILING DATE: 2004-02-17

NUMBER OF SEQ ID NOS: 781

PRIOR APPLICATION NUMBER: 60/449,203

PRIOR APPLICATION NUMBER: 60/449,203

PRIOR APPLICATION NUMBER: 60/449,203

PRIOR PLING DATE: 2003-02-19

SOFTWARE: PALENTIN VERSION 3.2

SEQ ID NO 1

LENGTH: 30
                                                                                                                                                                ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: GLP-1 molecule having insulinotropic activity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ő
                                                                                                          Query Match 100.0%; Score 116; DB 6; Length 29; Best Local Similarity 100.0%; Pred. No. 2e-10; Matches 23; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 100.0%; Score 116; DB 7; Length 29; Best Local Similarity 100.0%; Pred. No. 2e-10; Matches 23; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: SADEGH, Homeyoun
APPLICANT: TURNER, Andrew J.
APPLICANT: TURNER, Andrew J.
APPLICANT: TURNER, Andrew J.
TITLE OF INVENTION: MODIFIED TRANSFERRIN FUSION PROTEINS
FILE REFERENCE: 54710-5011-PR
CURRENT APPLICATION NUMBER: US/60/549,567
CURRENT FILING DATE: 2004-03-04
PRIOR FILING DATE: 2004-03-04
PRIOR FILING DATE: 2001-11-30
PRIOR PLICATION NUMBER: US 60/406,977
PRIOR FILING DATE: 2002-08-30
PRIOR FILING DATE: 2002-08-30
PRIOR FILING DATE: 2003-08-38
NUMBER OF SEQ ID NOS: 128
SOTWARR: Patentin version 3.2
SEQ ID NO 8
LENGTH: 29
; FEATURE:
; OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (7-35)
US-10-715-976-24
                                                                                                                                                                                                                    1 FISDVSSYLEGOAAKEFIAWLVK 23
                                                                                                                                                                                                                                                                     FISDVSSYLEGOAAKEFIAWLVK 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 FTSDVSSYLEGQAAKEFIAWLVK 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 6 FISDVSSYLEGOAAKEFIAWLVK 28
                                                                                                                                                                                                                                                                                                                                                   RESULT 7
US-60-549-567-8
; Sequence 8, Application US/60549567
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 8
PCT-US04-04421-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-60-549-567-8
                                                                                                                                                                                                                    Š
                                                                                                                                                                                                                                                                     9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              셤
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ò
```

TYPE: PRT ORGANISM: Artificial Seguence

NAME/KEY: MOD RES LOCATION: (29)..(29) OTHER INFORMATION: A6C

FEATURE:

```
OTHER INFORMATION: Description of Artificial Sequence: Synthetic modified hGLP-1
OTHER INFORMATION: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: Description of Artificial Sequence: Synthetic modified hGLP-1
OTHER INFORMATION: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gaps
Sequence 7, Application PC/TUS0404421
GENERAL INFORMATION:
APPLICANT: SOCIENTE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS
APPLICANT: SCIENTIPIQUES, S.A.S
APPLICANT: SCIENTIPIQUES, S.A.S
APPLICANT: SCIENTIPIQUES, S.A.S
TITLE OF INVENTION ANALCGUES OF GLP-1
FILE REPERENCE: 129P-PCTZ
CURRENT APPLICATION NUMBER: PCT/US04/04421
CURRENT PILING DATE: 2004-02-17
NUMBER OF SEQ ID NOS: 781
PRIOR PILING DATE: 2003-02-19
PRIOR FILING DATE: 2003-02-19
SOFTWARE: Patentin version 3.2
LENGTH: 30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: SCIENTE DE CONSELLS DE RECHERCHES ET D'APPLICATIONS
APPLICANT: SCIENTIFIQUES, S.A.S.
APPLICANT: SCIENTIFIQUES, S.A.S.
APPLICANT: SCIENTIFIQUES, S.A.S.
APPLICANT: DONG, ZHENG ZIN
FILLE POR INVENTION: ANALOGUES OF GLP-1
FILLE REFERENCE: 129P-PCT2
CURRENT FILLNG DATE: 2004-02-17
NUMBER OF SEQ ID NOS: 7781
PRIOR FILLNG DATE: 2003-02-19
PRIOR FILLNG DATE: 2003-02-19
SOFTWARE: PALENTIN NUMBER: 60/449,203
PRIOR FILLNG DATE: 2003-02-19
SOFTWARE: PALENTIN VERSION 3.2
SEQ ID NO 55
LENGTH: 30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 100.0%; Score 116; DB 1; Length 30; Best Local Similarity 100.0%; Pred. No. 2e-10; Matches 23; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 116; DB 1; Length 30;
Pred. No. 2e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PCT-USO4-04421-55; Sequence 55, Application PC/TUSO404421; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 FTSDVSSYLEGOAAKEFIAWLVK 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FRATURE:
, OTHER INFORMATION: c-term amidation PCT-US04-04421-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FRATURE:
, OTHER INFORMATION: c-term amidation
PCT-USO4-04421-55
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           100.0%;
                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 30
TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
NAME/KEY: MOD RES
LOCATION: (29)..(29)
OTHER INFORMATION: D-Ala
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FEATURE:
NAME/KEY: MOD_RES
LOCATION: (30)..(30)
OTHER INFORMATION: D-Arg
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE:
NAME/KEY: MOD RES
LOCATION: (29)...(29)
OTHER INFORMATION: Aib
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ŝ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     a
                                                                                                                                                                                                                                                                                                                                   FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic modified hGLP-1
OTHER INFORMATION: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic modified hGLP-1
OTHER INFORMATION: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PCT-USO4-04421-6
) Sequence 6, Application PC/TUSO404421
GENERAL INFORMATION:
APPLICANT: SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS
APPLICANT: SCIENTIFIQUES, S.A.S
APPLICANT: DONG, ZHENG ZIN
TILE OF INVANTION: AMALOGUES OF GLP-1
FILE REFERENCE: 129P-PCT2
CURRENT PILING DATE: 2004-02-17
NUMBER OF SEQ ID NOS: 781
CURRENT FILING DATE: 2004-02-17
PRIOR PILING DATE: 2004-02-19
PRIOR FILING DATE: 2004-02-19
PRIOR FILING DATE: 2004-02-19
PRIOR FILING DATE: 2004-03-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  DB 1; Length 30;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ch
1 Similarity 100.0%; Pred. No. 2e-10;
23; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
100.0%; Score 116; DB 1.
Best Local Similarity 100.0%; Pred. No. 2e-10;
Matches 23; Conservative 0; Mismatches (
              TITLE OF INVENTION: ANALOGUES OF GLP-1
FILE REFERENCE: 129P-PCT2
CURRENT PELLOGATION NUMBER: PCT/USO4/04421
CURRENT FILING DATE: 2004-02-17
NUMBER OF ESQ ID NOS: 781
PRIOR APPLICATION NUMBER: 60/449, 203
PRIOR FILING DATE: 2003-02-19
SOFTWARE: Patentin version 3.2
SEQ ID NO 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      6 FISDVSSYLEGQAAKEFIAWLVK 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 FISDVSSYLEGOAAKEFIAWLVK 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              6 FISDVSSYLEGGAAKEFIAWLVK 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 FTSDVSSYLEGQAAKEFIAWLVK 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CTHER INFORMATION: C-term amidation PCT-US04-04421-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: c-term amidation PCT-USO4-04421-6
```

SRO ID NO 6 LENGTH: 30 TYPE: PRT ORGANISM: Artificial Sequence

NAME/KEY: MOD RES LOCATION: (29)..(29) OTHER INFORMATION: ASC

Best Local Similarity Matches 23, Conserv

ઇ

Query Match

RESULT 12 PCT-US04-04421-7

```
Search completed: July 3, 2004, 00:47:43 Job time : 10.8571 secs
                                                                                                                                                                                                                                                                                                                                                                                                                δ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  셤
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Description of Artificial Sequence: Synthetic modified hGLP-1 OTHER INFORMATION: peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: Description of Artificial Sequence: Synthetic modified hGLP-1 OTHER INFORMATION: peptide FEATURE:
     ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ö
     Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
                                                                                                                                                                                                     PCT-US04-04421-56

Sequence 56, Application PC/TUS0404421

GENERAL INFORMATION

APPLICANT: SCIENTIFIQUES, S.A.S

APPLICANT: SCIENTIFIQUES, S.A.S

APPLICANT: SCIENTIFIQUES, S.A.S

APPLICANT: SCIENTIFIQUES, S.A.S

APPLICANT: DONG, ZHENG ZIN

TITLE OF INVENTION: ANALOGUES OF GLP-1

FILE REBERENCE: 1299-PCT2

CURRENT APPLICATION NUMBER: PCT/US04/04421

CURRENT PILING DATE: 2004-02-17

NUMBER OF SEQ ID NOS: 781

PRIOR APPLICATION NUMBER: 60/449,203

PRIOR APPLICATION NUMBER: 60/449,203

PRIOR PLING DATE: 2003-02-19

SOFTWARE: Patentin version 3.2

SEQ ID NO 56

LEMGTH: 30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 57. Application PC/TUS0404421

SEQUENCE 57. Application PC/TUS0404421

GENERAL INFORMATION:

APPLICANT: SOCIETE DE CONSEILS DE RECHERCHES ET D'APFLICATIONS

APPLICANT: SCIENTIFIQUES, S.A.S.

APPLICANT: SCIENTIFIQUES, S.A.S.

TITLE OF INVENTION: ANALOGUES OF GLP-1

FILE REPERENCE: 129P-PCT2

CURRENT FILING DATE: 2004-02-17

NUMBER OF SEQ ID NOS: 781

PRIOR APPLICATION NUMBER: 60/449,203

PRIOR PLILING DATE: 2003-02-19

SOFTWARE: PATENTIN VORSE: 60/449,203

PRIOR PLILING DATE: 2003-02-19

SOFTWARE: PATENTIN VORSE: ANALOGUES OF CONTINGENT PATENTIN PATENTIN NUMBER: 60/449,203

SOFTWARE: PATENTIN VORSE: ANALOGUES OF CONTINGENT PATENTIN NUMBER: 60/449,203

BRIOR PLILING DATE: 2003-02-19

SOFTWARE: PATENTIN VORSE: ANALOGUES OF CONTINGENT PATENTIN NUMBER: 60/449,203

PRIOR FILING DATE: 2003-02-19

SEQ ID NO 57

LENGTH: 30
     ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 100.0%; Pred. No. 2e-10;
Matches 23; Conservative 0; Mismatches 0; Indels
     Indels
     ö
  0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       6 FTSDVSSYLEGQAAKEFIAWLVK 28
                                                       1 FTSDVSSYLEGGAAKEFIAWLVK 23
                                                                                               6 FTSDVSSYLEGGAAKEFIAWLVK 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 FTSDVSSYLEGOAAKEFIAWLVK 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE: OTHER INFORMATION: c-term amidation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
23; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FEATURE: MOD RES
LOCATION: (30)...(30)
OTHER INFORMATION: D-Lys
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FEATURE:
NAME/KEY: WOD RES
LOCATION: (29)..(29)
OTHER INFORMATION: Aib
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PCT-US04-04421-56
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PCT-US04-04421-57
Matches
                                                       ઠ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ð
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        원
```

```
Gaps
                                                                                                                                                                                                                                                                    ö
                                                                                                                                                                                                                    ch 100.0%; Score 116; DB 1; Length 30; 1 Similarity 100.0%; Pred. No. 2e-10; 23; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                      6 FISDVSSYLEGQAAKEFIAWLVK 28
                                                                                                                                                                                                                                                                                                           1 FISDVSSYLEGQAAKEFIAWLVK 23
                                                                                                                                       FEATURE:
CTHER INFORMATION: c-term amidation
PCT-US04-04421-57
NAME/KEY: MOD RES
LOCATION: (29). (29)
OTHER INFORMATION: Beta-Ala
                                                           FEATURE:
NAME/KEY: MOD RES
LOCATION: (30)..(30)
OTHER INFORMATION: D-Arg
                                                                                                                                                                                                                        Query Match
Best Local Similarity
Matches 23; Conserv
```

ó

sequence 5, Appli Sequence 9, Appli Sequence 4, Appli Sequence 3, Appli Sequence 4, Appli Sequence 10, Appli Sequence 11, Appli Sequence 11, Appli Sequence 11, Appli Sequence 4, Appli Sequence 4, Appli Sequence 4, Appli Sequence 6, Appli Sequence 6, Appli Sequence 6, Appli Sequence 8, Appli

sequence 1, My sequence 1, My sequence 9, My sequence 9, My sequence 9, My sequence 4, My sequence 4, My sequence 4, My sequence 4, My sequence 10, My sequence 10, My sequence 10, My sequence 11, My sequenc

us-09-943-084-7.rai

```
GENERAL INFORMATION:
APPLICANT: Kim, Yesook
APPLICANT: Gi, Hong
APPLICANT: Gi, Hong
APPLICANT: Golfand, Robert A.
APPLICANT: Geoglegal, Kieran F.
APPLICANT: Geoglegal, Kieran F.
APPLICANT: Geoglegal, Kieran F.
APPLICANT: Geoglegal, Kieran F.
APPLICANT: Danley, Dennis E.
TITLE OF INVENTION: Prolonged Delivery of Peptides
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pfizer Inc
STREET: 235 East 42nd Street, 20th Floor
CITY: New York
STATE: Pelopy disk
COUNTRY: U.S.A.
STATE: Pelopy disk
COUNTRY: 10.17-5755
CONTRY: B. Floopy disk
COUNTRY: 10.5.A.
STATE: New York
STATE: Pelopy disk
COUNTRY: 10.5.A.
STATE: New York
STATE: Pelopy disk
COUNTRY: 10.5.A.
STATE: Pelopy disk
COUNTRY: 10.5.A.
STATE: New York
S
US-08-967-374-1
US-09-348-136-1
US-08-961-405A-5
US-08-961-405A-5
US-08-915-918A-5
US-09-313-415-4
US-09-313-415-4
US-09-209-799D-10
US-09-505-991-1
US-09-605-905-1
                                                                                                                                                                                                                                                                                                                                                                                                  ALIGNMENTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 7, Application US/08472349
Patent No. 6284727
GENERAL INPORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: peptide HYPOTHETICAL: NO ANTI-SENSE: NO FRAGMENT TYPE: N-terminal
    TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
    RESULT 1
US-08-472-349-7
    Appli
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Appli
Appli
Appli
Appli
Appli
Appli
Appli
Appli
                                                                                                                                July 3, 2004, 00:21:27 ; Search time 13.9193 Seconds (without alignments) 100.142 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 7,
Sequence 4,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 5,
Sequence 8,
Sequence 4,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 4,
Sequence 4,
Sequence 3,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Description
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence
Sequence
Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Seq
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence
Sequence
Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence
Sequence
Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1: /cgT2_6/prodata/2/iaa/5A_COMB.pep:*
2: /cgn2_6/prodata/2/iaa/5B_COMB.pep:*
3: /cgn2_6/prodata/2/iaa/6A_COMB.pep:*
5: /cgn2_6/prodata/2/iaa/6B_COMB.pep:*
6: /cgn2_6/prodata/2/iaa/PCTUS_COMB.pep:*
                       GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-08-472-349-7

US-08-05-162-4

US-08-967-374-4

US-08-967-374-4

US-08-967-374-9

US-08-967-379-9

US-08-90-799D-8

US-09-209-799D-8

US-09-209-792A-6

US-09-997-792A-6

US-09-997-792A-6

US-08-967-374-18

US-09-209-799D-3

US-09-209-799D-3

US-09-997-792A-3
                                                                                                                                                                                                                                                                                                                                                                                              Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-08-470-220A-1
US-08-927-227-1
                                                                                                                                                                                                                                                         1 HAEGTFTSDVSSYLEGQAAKEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                          389414 segs, 51625971 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SUMMARIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                 OM protein - protein search, using sw model
                                                                                                                                                                                                                                                                                               BLOSUM62
Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Issued Patents AA:*
                                                                                                                                                                                                                                                                                                                                                                                                                                      Minimum DB seg length: 0
Maximum DB seg length: 200000000
                                                                                                                                                                                                                   US-09-943-084-7
139
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query
Match Length DB
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Title:
Perfect score:
                                                                                                                                                                                                                                                                                               Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Database :
                                                                                                                                                                                                                                                           Sequence:
                                                                                                                                                                                                                                                                                                                                                          Searched:
                                                                                                                                     Run on:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Result
```

```
Sequence 1 Application US/08470220A
Patent No. 5707826
GENERAL INFORMATION:
APPLICANT: Stout, Jay
APPLICANT: Stout, Jay
APPLICANT: Partiken, Dennis
APPLICANT: Manning, Shane
ITITLE OF INVENTION: Recombinant Polypeptides
CORRESPONDENCE ADDRESS: 26
CORRESPONDENCE ADDRESS: Gould
STREET: 3100 No. 5707826west Center
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:

ABDITON TYPE: Floppy disk
COMPUTER READABLE FORM:
MEDITON TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/470,220A
FILING DATE: 06-JUN-1995
CLASSIFICATION NUMBER: US/08/470,220A
FILING DATE: 20-JUL-1993
ATTORNEY/AGENT INPORMATION:
REGISTRATION NUMBER: 28,659
REFERENCE/DOCKET NUMBER: 28,659
REPRENCE/DOCKET NUMBER: 28,659
RE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                100.0%; Score 139; DB 1; 100.0%; Pred. No. 6.1e-14;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 HAEGIFISDVSSYLEGQAAKEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SSEE: Merchant & Gould
F: 3100 No. 5707826west Center
Minneapolis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 4, Application US/08967374
Patent No. 6037143
GENERAL INPORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Raymon, Jay
Stout, Jay
Henriksen, Dennis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 100.
Matches 27; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: peptide
INMEDIATE SOURCE:
CLONE: GLP1 (7-34)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                RESULT 3
US-08-470-220A-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-08-470-220A-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 4
US-08-967-374-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ठ
ò
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ó
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Wagner, Fred W.
APPLICANT: Stout, Jay
APPLICANT: Henriksen, Dennis
APPLICANT: Henriksen, Bruce
APPLICANT: Manning, Shane
TITLE OF INVENTION: Razymatic Method for Modification of
TITLE OF INVENTION: Recombinant Polypeptides
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSE: Merchant & Gould
STREET: 3100 No. 5512459west Center
CITY: Minneapolis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 100.0%; Score 139; DB 1; Length 28; Best Local Similarity 100.0%; Pred. No. 6.1e-14; Matches 27; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 27;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CONTRINCTORY

CONTRICTS READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: LBM PC Compatible

COMPUTER: LBM PC Compatible

COMPUTER: LBM PC COMPATIBLE

OPERATING SYSTEM: PC-DCS/MS-DOS

SOFTWARE: PATENTIN DATA:

APPLICATION NUMBER: US/08/095,162

FILING DATE: 20-JUL-1993

CLASSIFICATION: 514

ATYONEY/AGENT INPOMMATION:

NAME: NOADE: 28,659

REGISTRATION NUMBER: 28,659

REGISTRATION NUMBER: 28,659

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:

TELEPHONE: 612-332-5300
                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 100.0%; Score 139; DB 3; Best Local Similarity 100.0%; Pred. No. 5.8e-14; Matches 27; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 HAEGIFISDVSSYLEGQAAKEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 HAEGTFTSDVSSYLEGQAAKEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 4, Application US/08095162
Patent No. 5512459
GENERAL INFORMATION:
                                           CHARLES N/A
STRAIN: N/A
INDIVIDUAL ISOLATE: N/A
HAPLOTYBE: N/A
CELL LINE: N/A
IMEDIATE SOURCE:
LIBRARY: N/A
CLONE: N/A
POSITION IN GRAWME:
CHROMOSOME/SEGMENT: N/A
MAP POSITION: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: amino acid
TOPOLOGY: '.'-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: 612-332-9081
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear
MOLECULE TYPE: peptic
INMEDIATE SOURCE:
CLONE: GLP1 (7-34)
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Ž
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STATE: MI COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-08-095-162-4
                                                                                                                                                                                                                                                                                                                                                                        US-08-472-349-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-08-095-162-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ò
```

ö

Partridge, Bru Manning, Shane

Gaps

ö

Length 28;

```
ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          100.0%; Score 139; DB 3; Length 28; 100.0%; Pred. No. 6.1e-14;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Lambert, William J.
APPLICANT: Lambert, William J.
APPLICANT: Lambert, William J.
APPLICANT: Lambert, William J.
APPLICANT: Gelfand, Robert A.
APPLICANT: Geoghegan, Kleran F.
APPLICANT: Geoghegan, Kleran F.
APPLICANT: Danley, Dennis E.
TITLE OF INVENTION: Prolonged Delivery of Peptides
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSED: Pfizer Inc
STRERT: 235 East 42nd Street, 20th Floor
CITY: New York
STATE: New York
STATE: New York
STATE: 10017-5755
COMPUTER REABABLE FORM:
MEDIUM TYPE: Ploppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/472,349
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 HAEGIFISDVSSYLEGGAAKEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 HABGTFTSDVSSYLEGGAAKEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/181,655
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: SAPEKA, RODERT F.
REGISTRATION NUMBER: 31,304
REFERENCE/DOCKET NUMBER: PC8391
TELECHONE: (212)573-1189
TELEFRONE: (212)573-1189
                                    ATTORNEY AGENT INFORMATION:
NAME: Martin, Alice O.
REGISTRATION UNDER: 35.601
REFERENCE/DOCKET UNDER: 8792,
TELECOMMUNICATION INFORMATION:
TELEPHOR: 312.321.4200
TELEPHOR: 312.321.4200
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 amino acids
TYPE: Amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-08-472-349-5; Sequence 5: Application US/08472349; Sequence 5: Application US/08472349; Patent No. 6284727; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 28 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 100.
Matches 27; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEX: N/A
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear

MOLECULE TYPE: peptide
US-08-915-918A-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
                  CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ð
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     셤
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 3, Application US/08915918A
Sequence 3, Application US/08915918A
Sequence 3, Application US/08915918A
Setent No. 6277819
GENERAL INFORMATION:
APPLICANT: Efendic, Suad
TITLE OF INVENTION: USB OF GLP-1 OR ANALOGS IN TREATMENT OF
TITLE OF INVENTION: WYOCARDIAL INPARCTION
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSE: BRINKS, HOFER, GILSON & LIONE
STREET: Plaza Drive
CITY: Chicago
STREET: Plaza Drive
CITY: Chicago
STREET: 111nois
SCHEET: 111nois
SCHEET: 111nois
COMPUTER: ENDRY disk
COMPUTER: ENPR COMPUTER: PCRM:
MEDIUM TYPE: Floppy disk
COMPUTER: PC-COMPUTER: PC-COMPUT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 100.0%; Score 139; DB 3; Length 28; Best Local Similarity 100.0%; Pred. No. 6.1e-14; Matches 27; Conservative 0; Mismatches 0; Indels
TITLE OF INVENTION: Enzymatic Method for Modification of TITLE OF INVENTION: Recombinant Polypeptides
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSE: ANDRESSE: ADDRESSE: ADDRESSE: ADDRESSE: ADDRESSE: ADDRESSE: ADDRESSE: Marchant & Gould CITY: Minneapolis STATE: Mr
                                                                                                                                                                                                                                                                                  COUNTRY: USA

ZIP: 55402
COMPUTER READABLE PORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/967,374
FILING DATE: 29-AUG-1995
FILING DATE: 29-AUG-1995
ATTORNEY/AGENT INFORMATION:
NAME: Catter, Charles G.
REGISTRATION NUMBER: 8648.32-USD1
TELEPHONE: 612-332-5300
TELEPRONE CHARACTERISTICS:
DENGTH: 28 amino acids
TYPE: amino acids
TYPE: amino acids
TYPE: amino acids
TYPE: peptide
TOPOLOGY: linear
MOLECULE TYPE: peptide
TATALE
TONES: GEP1 (7-34)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 HAEGTFTSDVSSYLEGGAAKEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 HAEGTFISDVSSYLEGGAAKEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 5
US-08-915-918A-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-08-967-374-4
```

셤 à

```
Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Indels
                                                                                                                         COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: DORMADY, Dan
APPLICANT: STRYDOM, Daniel J.
APPLICANT: STRYDOM, Daniel J.
APPLICANT: WAGNER, Pred W.
TITLE OF INVENTION: ENZYMATIC AMIDATION OF PEPTIDES
FILE REFERENCE: 089187/0162
CURRENT FILING DATE: 1998-12-16
PRIOR APPLICATION NUMBER: US/09/212,663
CURRENT FILING DATE: 1998-12-16
PRIOR FILING DATE: 1998-11-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 100.0%; Pred. No. 6.1e-14;
Matches 27; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity 100.0%; Pred. No. 6.1e-14;
Matches 27; Conservative 0; Mismatches 0;
                                                                                                                                                                                CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/505,991
PILING DATE: 17-Feb-2000
CLASSIFICATION: CURROWN-
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/520,485
FILING DATE: CURROWN-
ATTORNEY/AGENT THORMATION:

NAME: Carter, Charles G.

REGISTRATION NUMBER: 35,093
REGISTRATION NUMBER: 35,093
TELESCOMMUNICATION INFORMATION:
TELESCOMMUNICATION INFORMATION:
TELESCOMMUNICATION INFORMATION:
TELESCOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE DESCRIPTION: SEQ ID NO: 4:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 HAEGIFISDVSSYLEGQAAKEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 HAEGTFTSDVSSYLEGGAAKEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 HARGIFISDVSSYLEGGAAKEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 5, Application US/09212663
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 28 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEPAX: 612-332-9081
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
                                                                                COMPUTER READABLE FORM: MEDIUM TYPE: Flopp
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: linear
MOLECULE TYPE: peptide
IMMEDIATE SOURCE:
CITY: Minneapolis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Escherichia coli
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 2:
SOFTWARE: Patentin Ver.
                                                           ZIP: 55402
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       JS-09-505-991-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-212-663-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQ ID NO 5
LENGTH: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ઇ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ö
                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
                                                                                                                                                                                                                                                                                                                                                                                                           ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Manning, Shane
TITLE OF INVENTION: Enzymatic Method for Modification of
Recombinant Polypeptides
                                                                                                                                                                                                                                                                                                                                                              Length 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Indels
                                                                                                                                                                                                                                                                                                                                                                                                           Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PATENT NO. 0.50.05 /
PATENT NO. 0.50.05 /
APPLICANT: Hermeling, Ronald
APPLICANT: Hoffmann, James
APPLICANT: Hoffmann, Ghakravarthy
APPLICANT: Navasimhan, Chakravarthy
TITLE OF INVENTION: GJUCAGON-LIKE PEPTIDE-1 CRYSTALS
FILE REFERENCE: X-10242
CURRENT APPLICATION NUMBER: US/09/209,799D
CURRENT APPLICATION 2096-12-11
NUMBER OF SEQ ID NOS: 29
SOFTWARE: Patentin version 3.0
                                                                                                                                                                                                                                                                                                                                                                ; DB 3;
6.1e-14;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
100.0%; Score 139; DB 4;
Best Local Similarity 100.0%; Pred. No. 6.1e-14;
Matches 27; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ACCHART & Gould
STREET: 3100 No. 6403361west Center
                                                                                                                                                                                                                                                                                                                                                           Query Match 100.0%; Score 139; D
Best Local Similarity 100.0%; Pred. No. 6.1
Matches 27; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 HAEGIFISDVSSYLEGGAAKEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 HAEGIFISDVSSYLEGQAAKEFLAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 HAEGTFTSDVSSYLEGQAAKEFIAMLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 HAEGTFISDVSSYLEGGAAKEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: synthetic construct
US-09-209-799D-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 8, Application US/09209799D Patent No. 6380357
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Stout, Jay
Henriksen, Dennis
Partridge, Bruce
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 4, Application US/09505991
Patent No. 6403361
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Wagner, Fred W.
                                                                                                                                                                CELL LINE: N/A

IMMEDIATE SOURCE:
LIBRARY: N/A

CLONB: N/A

POSITION IN GENOME:
CHROMOSOME/SECHENT: N/A

MAP POSITION: N/A
US-08-472-349-5
                  ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
                                                                             ORGANISM: N/A
STRAIN: N/A
INDIVIDUAL ISOLATE:
HAPLOTYPE: N/A
CELL LINE: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Artificial
  HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  -09-209-799D-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 8
US-09-505-991-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQ ID NO 8
LENGIH: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Patent No.
```

à 쉱 Š g

```
CORRESPONDENCE ADDRESS;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ð
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              셤
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 100.0%; Score 139; DB 4; Length 28; Best Local Similarity 100.0%; Pred. No. 6.1e-14; Matches 27; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 100.0%; Pred. No. 6.1e-14;
Matches 27; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: BioNebraska, Inc.
TITLE OF INVENTION: PRODUCTION OF PEPTIDES USING
TITLE OF INVENTION: RECOMBINANT FUSION PROTEIN CONSTRICTS
NUMBER OF SEQUENCES: 33
                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: ELI LILLY and COMPANY
TITLE OF INVENTION: Glucagon-Like Peptide-1 Crystals
FILER REPERENCE: X-10242A
CURRENT APPLICATION NUMBER: US/09/997,792A
CURRENT PILING DATE: 2002-09-30
PRIOR APPLICATION NUMBER: US 60/069,728
PRIOR APPLICATION NUMBER: US 60/069,728
NUMBER OF SEQ ID NOS: 25
SOFTWARE: Patentin version 3.1
SEQ ID NO 6
LENGTH: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-10-170-301-2

Sequence 2, Application US/10170301

Patent No. 6573237

GENERAL INFORMATION:

APPLICANT: Rinella, Joseph

TITLE OF INVENTION: Protein Formulations

FILS REPERSUCE: X12473A

CURRENT APPLICATION NUMBER: US/10/170,301

CURRENT FILING DATE: 2002-06-12

NUMBER OF SEC ID NOS: 3

SOFTWARE: PatentIn version 3.1
  1 HAEGTFISDVSSYLEGOAAKEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 HAEGIFISDVSSYLEGGAAKEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 HAEGTFTSDVSSYLEGGAAKEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 HAEGTFTSDVSSYLEGQAAKEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PEATURE:
NAME/KEY: MISC_FEATURE
LICCATION: (28) . (28)
OTHER INFORMATION: Xaa = Lys or Lys-Gly
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    , OTHER INFORMATION: Synthetic Construct
US-09-997-792A-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 21, Application PC/TUS9515800 GENERAL INFORMATION:
                                                                                                                 Sequence 6, Application US/09997792A
Patent No. 6555521
                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT
ORGANISM: Homo sapiens
                                                                     RESULT 10
US-09-997-792A-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PCT-US95-15800-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-10-170-301-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQ ID NO 2
LENGTH: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Best Loca
Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 12
a
```

셤

ઠે 쉽

```
ó
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 100.0%; Score 139; DB 5; Length 28; Best Local Similarity 100.0%; Pred. No. 6.1e-14; Matches 27; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Wagner, Fred W.
APPLICANT: Stout, Jay
APPLICANT: Stout, Jay
APPLICANT: Henriksen, Dennis
APPLICANT: Henriksen, Dennis
APPLICANT: Partridge, Bruce
APPLICANT: Partridge, Bruce
TITLE OF INVENTION: Braymatic Method for Modification of
TITLE OF INVENTION: Recombinant Polypeptides
NUMBER OF SEQUENCES: 26
ADDRESSER: ARCHABARS: ADDRESSER: ADDRESSE
ADDRESSEE: Merchant & Gould
STREET: 3100 Norwest Center, 90 S. 7th Street
CITY: Minneapolis
                                                                                                                                                                                                                                                                                                                                                                                                                                OPERATING SYSTEM: DOS
OPERATING SYSTEM: DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/15800
FILING DATE: 07-DEC-1995
CLASSIFICATION: DATA:
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: 08/350,530
FILING DATE: 07-DEC-1994
ATTORNEY/AGENT INFORMATION:
NAME: CATLET, CHAILES GOS
REPERENCE/DOCKET NUMBER: 8648.45US#0
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEFONE: 612/332-9081
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 HAEGIFISDVSSYLEGOAAKEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 HAEGTFTSDVSSYLEGOAAKEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-08-095-162-18
; Sequence 18, Application US/08095162
Patent No. 5512459
; GENERAL INFORMATION:
                                                                                                                                                                                   COUNTRY: U.S.A.
ZIP: 55402
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ Version
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
LENGTH: 28 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             internal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: Minneapolis
STATE: MN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ANTI-SENSE: NO
FRAGMENT TYPE:
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 55402
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PCT-US95-15800-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY:
```

Gaps

Indels

```
APPLICANT: Wagner, Fred W.
APPLICANT: Stout, Jay
APPLICANT: Stout, Jay
APPLICANT: Barriken, Jay
APPLICANT: Henriken, Bruce
APPLICANT: Partridge, Bruce
APPLICANT: Minneapolis
STREET: 3100 No. 6037143west Center
CITY: Minneapolis
STATE: MN
GUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 55402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/967,374
FLING DATE:
                                                                        Query Match 100.0%; Score 139; DB 1; Best Local Similarity 100.0%; Pred. No. 6.3e-14; Matches 27; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 100.0%; Pred. No. 6.3e-14;
Matches 27; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION:
PRIOR APPLICATION
APPLICATION DATA:
APPLICATION NUMBER:
08/520,485
FILING DATE: 29-AUG-1995
ATTORNEY/AGRAT INPORMATION:
NAME: CATCET, Charles G.
REGISTRATION NUMBER: 35,093
REPERRENCH/DOCKET NUMBER: 8648.32-USD1
TELECOMMUNICATION INPORMATION:
TELEPHONE: 612-332-5300
                                                                                                                                                                            1 HAEGTFTSDVSSYLEGQAAKEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 HAEGTFISDVSSYLEGQAAKEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 HAEGTFTSDVSSYLEGGAAKEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Search completed: July 3, 2004, 00:28:48
Job time : 13.9193 secs
                                                                                                                                                                                                                                                                                                                                                      ; Sequence 18, Application US/08967374; Patent No. 6037143
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELETAX: 612-334-yvv-
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 29 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; TOPOLOGY: linear; MOLECULE TYPE: peptide US-08-967-374-18
; MOLECULE TYPE: peptide US-08-470-220A-18
                                                                                                                                                                                                                          유
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 18, Application US/08470220A

Sequence 18, Application US/08470220A

Sequence 18, Application US/08470220A

GENERAL INFORMATION:
APPLICANT: Hear Keen, Jay
APPLICANT: Hear Keen, Demnis
APPLICANT: Partridge, Bruce
APPLICANT: Manning, Shane
APPLICANT: Manning, Shane
TITLE OF INVENTION: Recombinant Polypeptides
CORRESPONDENCE ADDRESS:
ANNORMATION: Recombinant Polypeptides
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           100.0%; Score 139; DB 1; Length 29; 100.0%; Pred. No. 6.3e-14; tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDTUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: DAYSTEM: PC-DOS/MS-DOS
SOFFWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/470,220A
PILING DATE: 04-JUN 1995
CLASSIPICATION: 435
     PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 HAEGIFISDVSSYLEGQAAKEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION BATA.
APPLICATION NUMBER: US 08/095,162
FILING DATE: 20-UUL-1993
ATTORNEY/AGENT INFORMATION:
NAME: Nelson, Albin J.
REGISTAATION NUMBER: 28,659
REFERENCE/DOCKET NUMBER: 8648.32-USC
TELECOMMINICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Merchant & Gould
STREET: 3100 No. 5707826west Center
CITY: Minneapolis
COUNTE: NN
                          CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/095,162
FILING DATE: 20-UU-1993
CLASSIFICATION: 514
                                                                                                                    ATTORNEY/AGENT INFORMATION:
NAME: Nelson, Albin J.
REGISTRATION NUMBER: 28,659
REFERENCE/DOCKET NUMBER: 8648.
TELECOMMUNICATION INFORMATION:
TELEPHONE: 612-332-9081
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 29 amino acids
TYPE: amino acids
TYPE: amino acids
TYPE: amino acids
TYPE: amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO: 18:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 27; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: linear

MOLECULE TYPE: peptide

US-08-095-162-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ropology: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 14
US-08-470-220A-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ð
```

Length 29;

```
US-09-943-084-7
                                                                                                             July 3, 2004, 00:26:08; Search time 39.0745 Seconds (without alignments) 215.093 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 3, Al
Sequence 3, Al
Sequence 6, Al
Sequence 7, Al
Sequence 23, Al
Sequence 23, Al
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 3, Sequence 9, Sequence 7, Sequence 7,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 8,
Sequence 1,
Sequence 2,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 7,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Description
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Published Applications AA:*

1: /cgn2_6/ptodata/2/pubpaa/USO7_PUBCOMB.pep:*
2: /cgn2_6/ptodata/2/pubpaa/PCT_NEW_PUB.pep:*
3: /cgn2_6/ptodata/2/pubpaa/PCT_NEW_PUB.pep:*
4: /cgn2_6/ptodata/2/pubpaa/USO6_PUBCOMB.pep:*
5: /cgn2_6/ptodata/2/pubpaa/USO7_NEW_PUB.pep:*
6: /cgn2_6/ptodata/2/pubpaa/USO8_NEW_PUB.pep:*
7: /cgn2_6/ptodata/2/pubpaa/USO8_NEW_PUB.pep:*
8: /cgn2_6/ptodata/2/pubpaa/USO8_PUBCOMB.pep:*
9: /cgn2_6/ptodata/2/pubpaa/USO8_PUBCOMB.pep:*
11: /cgn2_6/ptodata/2/pubpaa/USO9E_PUBCOMB.pep:*
11: /cgn2_6/ptodata/2/pubpaa/USO9E_PUBCOMB.pep:*
11: /cgn2_6/ptodata/2/pubpaa/USO9E_PUBCOMB.pep:*
11: /cgn2_6/ptodata/2/pubpaa/USO9E_PUBCOMB.pep:*
12: /cgn2_6/ptodata/2/pubpaa/USO9E_PUBCOMB.pep:*
13: /cgn2_6/ptodata/2/pubpaa/USO8_PUBCOMB.pep:*
15: /cgn2_6/ptodata/2/pubpaa/USO8_PUBCOMB.pep:*
15: /cgn2_6/ptodata/2/pubpaa/USO8_PUBCOMB.pep:*
16: /cgn2_6/ptodata/2/pubpaa/USO8_PUBCOMB.pep:*
17: /cgn2_6/ptodata/2/pubpaa/USO8_PUBCOMB.pep:*
18: /cgn2_6/ptodata/2/pubpaa/USO8_PUBCOMB.pep:*
18: /cgn2_6/ptodata/2/pubpaa/USO8_PUBCOMB.pep:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-943-084-7
US-09-772-67-981-1
US-09-772-677-2
US-09-958-880-3
US-10-169-657-3
US-10-170-301-2
US-10-170-301-2
US-10-215-272-23
US-09-997-792-3
US-09-997-792-9
US-09-169-657-7
US-09-997-792-3
US-09-997-792-9
US-09-169-657-7
US-10-169-657-7
US-10-169-657-7
US-10-169-657-7
                                                                                                                                                                                                                                                                                                                                                                       Total number of hits satisfying chosen parameters:
                                                                                                                                                                                            US-09-943-084-7
139
1 HAEGTFTSDVSXLEGQAAKEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                     1276540 seqs, 311283816 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SUMMARIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                          OM protein - protein search, using sw model
                                                                                                                                                                                                                                                                            BLOSUM62
Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                                                                               Minimum DB seq length: 0 Maximum DB seq length: 2000000000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query
Match Length
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score
                                                                                                                                                                                              Title:
Perfect score:
                                                                                                                                                                                                                                                                          Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Database :
                                                                                                                                                                                                                                      Sequence:
                                                                                                                                                                                                                                                                                                                                       Searched:
                                                                                                                  Run on:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Result
```

16	m	100.0	53	15	S-10-215-	Seguence 24, Appl
17	m		30	σ	-851	Sequence 4, Appli
18	m	100.0	30	9	US-09-805-507-4	
19	m	100.0	30	σ	US-09-859-804-4	
20	m	100.0	30	σ	US-09-982-978-4	
21	3	100.0	30	0	US-09-953-021B-4	Sequence 4, Appli
22	139	100.0	30	10	-60	
23	3	100.0	30	10	-60	Sequence 10, Appl
24	139	100.0	30		-880	Sequence 1, Appli
25	m	100.0	30		US-09-858-880-2	Sequence 2, Appli
26	139	100.0	30	12	σņ.	Sequence 28, Appl
27	139	100.0	30	13	0-072-540	Sequence 4, Appli
28	139	100.0	30	13	0 - 125	Sequence 1, Appli
29	139	100.0	30	14	US-10-091-258-4	4,
30	139	100.0	30	4	0-055	4
31	139	100.0	30	14	US-10-265-345A-2	Ñ
32	139	100.0	30	14	10-097	'n
33	139	•	30	15	-10-378-094-	48,
	139	100.0	30	15	US-10-345-751-2	~
35	139	100.0	30	15	US-10-322-839-4	4
	139	100.0	30	5	10-215-27	25.
37	139	100.0	30	72	US-10-629-261-1	1,1
38	139		30		US-10-629-261-71	71,
39	139	ö	30		-629-26	72,
40	139	100.0	30		US-10-291-226-114	114
41	139	٥.	31	σ	US-09-754-723-1	1, A
42	139	100.0	31	σ	US-09-420-785A-3	Sequence 3, Appli
43	139	100.0	31	σ,	US-09-876-388-2	Sequence 2, Appli
44	139	100.0	31	σ,	-388-1	Sequence 17, Appl
45	139	100.0	33	σ	US-09-876-388-27	N

ALIGNMENTS

```
UG-09-941-084-7

Sequence 7, Application US/09943084

Publication No. U320030050237A1

GENERAL INFORMATION:

GI, Hong

Gelfand, Robert A.

Geoghegan, Kieran F.

Danley, Demis E.

TITLE OF INVENTION: Prolonged Delivery of Peptides

NUMBER OF SEQUENCES: 7

CORRESPONDENCE ADDRESS:

ADDRESSEE: Pfizer Inc

STRAE: New York

STRAE: 135 East 42nd Street, 20th Floor

CITY: New York

STRAE: 10017-5755

COMPUTER READABLE FORM:

MEDIUN TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION NUMBER: US/09/943,084

FILING DATE: 31-Aug-2001

CLASSIFICATION NUMBER: US/09/181,655

FILING DATE: «Unknown>

PRIOR APPLICATION NUMBER: US/08/181,655

FILING DATE: «Unknown>

ATTORNEY AGENT INFORMATION:

TELEBOHONE: (212)573-1189
```

ö

Indels

Length 29;

```
COTHER INFORMATION: Xaa at position 29 is absent or Gly. US-09-834-229A-3
                                                                                                                                                                                                                                                                                                                                                          100.0%; Score 139; DB 10;
100.0%; Pred. No. 2.6e-14;
iive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 HABGIFTSDVSSYLEGQAAKEFIAWLV 27
  PRIOR APPLICATION NUMBER: US 06/024,980
PRIOR FILING DATE: 1996-08-30
NUMBER OF SEQ ID NOS: 6
SOFTWARE: Patentin version 3.1
SEQ ID NO 3
BENGTH: 29
                                                                                                                                                                                        PEATURE:
OTHER INFORMATION: SYNThetic construct
NAME/KEY: MISC_FRATURE
                                                                                                                                             TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 100.0
Matches 27; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       .. (29)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-997-792-9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-09-997-792-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Š
                                                                                                                                                                                                                                                                                                                                                                                                                                                           ò
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Publication US/09834229A
Publication No. US20030022823A1
CENERAL INFORMATION:
APPLICANT: Efendic, Suad
APPLICANT: Efendic, Suad
FILE REFERENCE: X-10822A
CURRENT FILING DATE: 2001-04-12
PRIOR APPLICATION NUMBER: US/09/834,229A
PRIOR PILING DATE: 1997-08-21
                                                                                                                                                                                                                                                                                                                                                                                                                                    ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
                                                                                                                                                                                                                                                                                              ; OTHER INFORMATION: GLP-1 molecule having insulinotropic activity US-10-378-094-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ó
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | FULLICATION NO. USZUG40002468A1
| GENERAL INFORMATION |
| APPLICANT: Genzyme Corporation |
| APPLICANT: Addsworth, Samuel C. |
| APPLICANT: Addsworth, Samuel C. |
| APPLICANT: Armentano, Danuel C. |
| APPLICANT: Armentano, Danuel C. |
| APPLICANT: Barsons, Geoffrey |
| TITLE OF INVENTION: Methods of Treating Diabetes and Other |
| TITLE OF INVENTION: Methods OF CT |
| TITLE OF INVENTION: Methods OF CT |
| TITLE OF INVENTION: Blood Sugar Disorders |
| FILE REPREBACE: 2478-2019002 PCT |
| CURRENT FILING DATE: 2002-08-07 |
| PRIOR PLING DATE: 2002-08-07 |
| PRIOR PLING DATE: 2001-08-08 |
| NUMBER OF SEQ ID NOS: 54 |
| SOFFWARE: PASSEQ for Windows Version 4.0 |
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                  Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Indels
                                                                                                                                                                                                                                                                                                                                                                                     Length
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (7-34) US-10-215-272-23
                                                                                                                                                                                                                                                                                                                                                                                Query Match
100.0%; Score 139; DB 15;
Best Local Similarity 100.0%; Fred. No. 2.5e-14;
Matches 27; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 100.0%; Score 139; DB 15; Best Local Similarity 100.0%; Pred. No. 2.5e-14; Matches 27; Conservative 0; Mismatches 0;
PRIOR APPLICATION NUMBER: US LU/221,721
PRIOR FILING DATE: 2002-08-30
PRIOR APPLICATION NUMBER: US 60/334,059
PRIOR FILING DATE: 2001-11-30
PRIOR FILING DATE: 2001-08-30
NUMBER OF SEQ ID NOS: 66
SOFTWARE: Patentin version 3.2
SEQ ID NO 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 HAEGTFTSDVSSYLEGGAAKEFIAMLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 HAEGTFTSDVSSYLEGGAAKEFIAMLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 HAEGTFISDVSSYLEGQAAKEFLAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 HAEGTFTSDVSSYLEGQAAKEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 23, Application US/10215272
Publication No. US20040002468A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                   ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-834-229A-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQ ID NO 23
LENGTH: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ò
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       음
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ઠે
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          d
```

```
CTHER INFORMATION: Xaa at position 29 is Gly or absent; and, if Xaa at position 28; OTHER INFORMATION: absent, Xaa at position 29 must be absen
US-09-997-792-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 29;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: synthetic construct
NAMEJKEY: VARTANT
COCATION: (28)...(28)
COCATE INFORMATION: Xaa at position 28 is Lys or absent
NAMEJKEY: VARIANT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 9, Application US/09997792
Publication No. US20030045464A1
GENERAL INFORMATION:
APPLICANT: Hermeling, Ronald
APPLICANT: Hoffmann, James
APPLICANT: Hoffmann, Chakravarthy
TITLB OF INVENTION: GLÜCAGON-LIKE PEFTIDE-1 CRYSTALS
FILE REFERENCE: X-10242
Sequence 3, Application US/09997792
Publication No. US20030045464A1
GENERAL INFORMATION:
APPLICANT: Hermeling, Ronald
APPLICANT: Hoffmann, James
APPLICANT: Narasimhan, Chakravarthy
TITLE OF INVENTION: GLÜCAGON-LIKE PEPTIDE-1 CRYSTALS
FILE REFERENCE: K-10242
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 100.0%; Score 139; DB 10; Best Local Similarity 100.0%; Pred. No. 2.6e-14; Matches 27; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/09/997,792
CURRENT FILING DATE: 2001-11-30
NUMBER OF SEQ ID NOS: 29
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3
LENGTH: 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 HAEGTFTSDVSSYLEGQAAKEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 HAEGTFTSDVSSYLEGGAAKEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/09/997,792
```

Min.

```
ò
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ద
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 7, Application US/10169657
Publication No. US2003006041241
GENERAL INPORMATION:
GENERAL INPORMATION:
TITLE OF INVESTION:
FILE OF INVESTION:
FILE OF INVESTION:
TITLE OF INVESTION NUMBER: US/10/169,657
GURRENT PILING DATE: 2002-06-28
FILE REPERIOR OF E. 2002-06-28
FRICK APPLICATION NUMBER: US 60/178,438
FRICK APPLICATION NUMBER: US 60/224,058
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LOCATION: (1)...(29) OTHER INFORMATION: The last 2 amino acids of GLP-1 (7-37) are deleted
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ó
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 29;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 29;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-10-378-094-8
Sequence 8, Application US/10378094
Publication No. US20030221201A1
GENERAL INFORMATION:
APPLICANT: PRIOR, Christopher P.
APPLICANT: LAI, Char-theei
APPLICANT: SADEGHI, Homayoun
APPLICANT: TURNER, Andrew
TITLE OF INVENTION: MODIFIED TRANSPERRIN FUSION PROTEINS
FILE REFERENCE: 54710-5001-01-03
CURRENT FILING DATE: 2003-03-04
PRIOR APPLICATION NUMBER: US 10/231,494
PRIOR APPLICATION NUMBER: US 60/334,059
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 100.0%; Score 139; DB 14;
Best Local Similarity 100.0%; Pred. No. 2.6e-14;
Matches 27; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 100.0%; Score 139; DB 10; Best Local Similarity 100.0%; Pred. No. 2.6e-14; Matches 27; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 HAEGTFTSDVSSYLEGQAAKBFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 HAEGTFISDVSSYLEGGAAKBFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 HAEGTFTSDVSSYLEGOAAKEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 HAEGTFTSDVSSYLEGGAAKEFIAMLV 27
                                                                                                                                                                                                                                                                                                                              ) OTHER INFORMATION: Synthetic construct
US-09-997-792-9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: synthetic construct
                2001-11-30
CURRENT FILING DATE: 2001-11-3
NUMBER OF SEQ ID NOS: 29
SOFTWARE: PATENTIN VERSION 3.0
SEQ ID NO 9
LENGTH: 29
                                                                                                                                                                                                             TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME/KEY: VARIANT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-10-169-657-7
                                                                                                                                                                                                                                                                                            PEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ਨੇ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         õ
```

```
PRIOR FILING DATE: 2001-11-30

PRIOR APPLICATION WUNBER: US 60/315,745

PRIOR PLING DATE: 2001-08-30

NUMBER OF SEQ ID NOS: 66

SOFTWARE: Patentin version 3.2

SEQ ID NO 8

LENGTH: 29

TYPE: PRT

O'GRANISM: Artificial sequence

FRATURE:

O'GRANISM: Artificial sequence

FRATURE INFORMATION: GLP-1 molecule having insulinotropic activity

US-10-378-094-8

Query Match

Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps

O'MISMATCHE INFORMATIONSSYLEGOAAKEFIAMIV 27

ACY

I HARGTFTSDVSSYLEGOAAKEFIAMIV 27

Db

I HARGTFTSDVSSYLEGOAAKEFIAMIV 27

Search completed: July 3, 2004, 00:51:50

Job time: 39:0745 secs
```

```
Sequence 1, Appli
Sequence 2, Appli
Sequence 34, Appli
Sequence 34, Appli
Sequence 1, Appli
Sequence 2, Appli
Sequence 3, Appli
Sequence 6, Appli
Sequence 7, Appli
Sequence 6, Appli
Sequence 1, Appli
Sequence 1, Appli
Sequence 6, Appli
Sequence 1, Appli
                                                                               Sequence 23, Appli
Sequence 7, Appli
Sequence 5, Appli
Sequence 5, Appli
Sequence 21, Appli
Sequence 4, Appli
Sequence 4, Appli
Sequence 4, Appli
                      Sequence 1, Appli
Sequence 5, Appli
Sequence 7, Appli
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 3,
Sequence 3,
Sequence 3,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 2,
    Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Kim, Yesook
APPLICANT: Lambert, William J.
APPLICANT: Lambert, William J.
APPLICANT: Gelfand, Robert A.
APPLICANT: Geoghegan, Kieran F.
APPLICANT: Danley, Dennis E.
TITLE OF INVENTION: Prolonged Delivery of Peptides
CORRESPONDENCES: 7
CORRESPONDENCE ADDRESS:
US-08-044-133-7
US-08-122-77-1
US-09-122-573-1
US-09-122-577-1
US-09-122-573-1
US-09-943-084-7
US-09-943-084-7
US-09-943-084-7
US-09-943-084-7
US-08-1073-5
US-08-1073-5
US-08-1073-5
US-08-103A-1
US-08-1073-1
US-08-1073-1
US-08-1073-1
US-08-1073-1
US-08-1073-1
US-08-1073-1
US-09-1073-1
US-108-108-1
US-08-108-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: Pfizer Inc
STREET: 235 East 42nd Street, 20th Floor
CITY: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ALIGNMENTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 7, Application US/08044133 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STATE: New York COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              10017-5755
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  88
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 1
US-08-044-133-7
                                                                                                                                                                                                             3, 2004, 00:22:02 ; Search time 173.068 Seconds (without alignments) 152.272 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Description
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Pending_Patents_AA_Main:*

1: /cgm2_6/ptodata/2/paa/PCTUS_COMB.pep:*
2: /cgm2_6/ptodata/2/paa/USOG_COMB.pep:*
3: /cgm2_6/ptodata/2/paa/USOG_COMB.pep:*
6: /cgm2_6/ptodata/2/paa/USOB_COMB.pep:*
6: /cgm2_6/ptodata/2/paa/USOB_COMB.pep:*
7: /cgm2_6/ptodata/2/paa/USOB_COMB.pep:*
8: /cgm2_6/ptodata/2/paa/USOB_COMB.pep:*
9: /cgm2_6/ptodata/2/paa/USOB_COMB.pep:*
10: /cgm2_6/ptodata/2/paa/USOB_COMB.pep:*
11: /cgm2_6/ptodata/2/paa/USOB_COMB.pep:*
12: /cgm2_6/ptodata/2/paa/USOB_COMB.pep:*
13: /cgm2_6/ptodata/2/paa/USOB_COMB.pep:*
14: /cgm2_6/ptodata/2/paa/USOB_COMB.pep:*
15: /cgm2_6/ptodata/2/paa/USOB_COMB.pep:*
16: /cgm2_6/ptodata/2/paa/USOB_COMB.pep:*
16: /cgm2_6/ptodata/2/paa/USOB_COMB.pep:*
16: /cgm2_6/ptodata/2/paa/USOB_COMB.pep:*
17: /cgm2_6/ptodata/2/paa/USOB_COMB.pep:*
18: /cgm2_6/ptodata/2/paa/USOB_COMB.pep:*
19: /cgm2_6/ptodata/2/paa/USOB_COMB.pep:*
10: /cgm2_
                                                                                                                                                                                                                                                                                                                                                                                                                          6019581
                          GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /cgn2_6/ptodata/2/paa/US60_COMB.pep:
                                                                                                                                                                                                                                                                                                                                                                                                                        Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                           27
                                                                                                                                                                                                                                                                                                                                                                                6019581 seqs, 976053577 residues
                                                                                                                                                                                                                                                       139
1 HAEGTFTSDVSSYLEGGAAKEFIAWLV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SUMMARIES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                            OM protein - protein search, using sw model
                                                                                                                                                                                                                                                                                                                   BLOSUM62
Gapop 10.0 , Gapext 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  length: 0
length: 2000000000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query
Match Length DB
                                                                                                                                                                                                                                     US-09-943-084-7
                                                                                                                                                      July
```

Score

Result

Post-processing: Minimum DB seq Maximum DB seq

Database

score:

Perfect

ritle:

Run on:

Sequence:

Scoring table:

Searched:

```
GLP-1 OR EXENDIN-4 AND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 5, Application US/09762538;
GENERAL INFORMATION:
APPLICANT: Ricardo Perfetti
APPLICANT: Antonino Passaniti
APPLICANT: Mandino Passaniti
APPLICANT: Harold Holloway
TITLE OF INVENTION: INSULIN PRODUCING CELLS DIFFERENTIATED
TITLE OF INVENTION: FROM NOW-INSULIN PRODUCING CELLS BY GLP-1
TITLE OF INVENTION: FROM NOW-INSULIN PRODUCING CELLS BY GLP-1
TITLE OF INVENTION: TO 346 FRENCE
CURRENT APPLICATION NUMBER: US/09/762,538
CURRENT FILING DATE: 2001-02-08
PRIOR APPLICATION NUMBER: 60/095,917
PRIOR APPLICATION NUMBER: 60/095,917
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 27;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 27;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Indele
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Geoghegan, Kieran F.
Danley, Dennis E.
TITLE OF INVENTION: Prolonged Delivery of Peptides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            100.0%; Score 139; DB 22; 100.0%; Pred. No. 7.1e-14;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 100.0%; Pred: No. 7.1e-14;
Matches 27; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQ ID NOS: 25
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 5
LENGTH: 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 HAEGTFTSDVSSYLEGOAAKEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 HARGIFISDVSSYLEGOAAKEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 HAEGIFISDVSSYLEGGAAKEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Lambert, William J.
   PILING DATE: 24-AUG-1993
ATTORNEY/AGENT INFORMATION:
NAME: Lambiris, Elias J.
REGISTRATION NUMBER: 33,728
REPERENCE/DOCKET NUMBER: 4658
TELEPHONE: 212-867-0123
TELEPHONE: 212-867-0123
INFORMATION FOR SEQ ID NO: 5SEQUENCE CHARACTERISTICS: LENGTH: 27 amino acids
TYPE: amino acids
TYP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Qi, Hong
Gelfand, Robert A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 7, Application US/09943084
GENERAL INFORMATION:
APPLICANT: Kim, Yesook
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSEE: Pfizer Inc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 100.0
Matches 27; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: linear
MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; TYPE: PRT
; ORGANISM: Human
US-09-762-538-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 3
US-09-762-538-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-08-122-077-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     -09-943-084-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ò
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      a
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ò
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  d
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: J rgensen, Klavs H.
APPLICANT: J rgensen, Klavs H.
APPLICANT: J schmidt, Per
APPLICANT: Agerb k, Harne
TITLE OF INVENTION: PROTRACTED GLP-1
NUMBER OF SEQUENCES:
CORRESPONDENCES:
CORRESPONDENCES:
ADDRESSEE: Novo Nordisk of North America, Inc.
STREET: 405 Lexington Avenue, Suite 6400
CITY: New York
STREET: 405 Lexington Avenue, Suite 6400
CITY: New York
COUNTRY: U.S.A.
COMPUTER: ELENPOY disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PLOUPY disk
CURRENT APPLICATION DATA:
PILING DATE: 16-NOV-1993
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 27;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Indels
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/044,133
FILING DATE: US/08/044,133
CLASSIFICATION: 514
ATTONREY/AGENT INPORMATION:
NAME: Sheyka, Robert F.
REGISTRATION NUMBER: 31,304
REFERENCE/COCKET NUMBER: PC8391
TELECOMMUNICATION INPORMATION:
TELECOMMUNICATION INPORMATION:
TELECOMMUNICATION INPORMATION:
TELECOMMUNICATION INPORMATION:
TELECOMMUNICATION INPORMATION:
TELEFRAX: (212)573-1189
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
100.0%; Score 139; Dest Local Similarity 100.0%; Pred. No. 7.1
Matches 27; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 HAEGTFTSDVSSYLEGQAAKEFLAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STRAIN: N/A
STRAIN: N/A
HAPLOTYPE: N/A
CELL LINE: N/A
IMMEDIATE SOURCE:
LIBRARY: N/A
CLONE: N/A
POSITION IN GENOME:
                                                                                                                                                                                                                                                                                                                                                                                                    TELEX: N/A
INFORMATION FOR SEQ ID NO: 7
SEQUENCE CHARACTERISTICS:
LENGTH: 27 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CHROMOSOWE/SEGWENT: N/A MAP POSITION: N/A US-08-044-133-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PILING DATE: 16-NOV-:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: N/A
```

ઠે g Gaps

```
APPLICANT: SADEGHI, Homayoun
APPLICANT: SADEGHI, Homayoun
APPLICANT: SADEGHI, Homayoun
APPLICANT: SADEGHI, Homayoun
TITLE OF INVENTION: CRAL DELIVERY OF WODIFIED TRANSFERRIN FUSION PROTEINS
FILE REFRERNCE: 54710-5006-WO
CURRENT APPLICATION NUMBER: PCT/US03/26778
CURRENT FILING DATE: 2003-08-28
PRIOR APPLICATION NUMBER: US 60/406,977
PRIOR PILING DATE: 2003-03-04
PRIOR PILING DATE: 2003-03-04
PRIOR PILING DATE: 2003-04-08
PRIOR FILING DATE: 2003-04-08
NUMBER OF SEQ ID NOS: 54
SOFTWARE: Patentin Version 3.2
LENGTH: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FRATURE:
, OTHER INFORMATION: GLP-1 molecule having insulinotropic activity
PCT-US03-26778-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ö
                                                                                                                                                                                                                                                                                                                                          ;
0
                                                                                                                                                                                                                                                                                            Length 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: RAIOR, Christopher P.
APPLICANT: LAI, Char-Huei
APPLICANT: TURNER, Andrew U.
APPLICANT: TURNER, Andrew U.
TITLE OF INVERTION: MODIFIED TRANSFERRIN FUSION PROTEINS
TITLE REPRENENCE: 54710-5001-01-WO
CURRENT FILING DATE: 2003-08-28
RRIOR APPLICATION NUMBER: US 60/406,977
PRIOR FILING DATE: 2002-08-30
PRIOR PELICATION NUMBER: US 10/378,094
PRIOR FILING DATE: 2003-08-38
                                                                                                                                                                                                                                                                                                                                       Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Indels
                                                                                                                                            TYPE: PRT

OGGANISM: Artificial Sequence

FRATURE:
OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (7-34)

PCT-US02-25227-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 100.0%; Score 139; DB 1; Best Local Similarity 100.0%; Pred. No. 7.4e-14; Matches 27; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                         100.0%; Score 139; DB 1;
100.0%; Pred. No. 7.4e-14;
iive 0; Mismatches 0;
PRIOR APPLICATION NUMBER: US 60/310,982
PRIOR FILING DATE: 2001-08-08
NUMBER OF SEQ ID NOS: 54
SEQ ID NO 23
LENGTH: 28
                                                                                                                                                                                                                                                                                                                                                                                        1 HARGTFFSDVSSYLEGGAAKEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                   1 HARGTFTSDVSSYLEGOAAKEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 HAEGIFISDVSSYLEGQAAKEFIAMLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   HAEGTFTSDVSSYLEGQAAKEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 7, Application PC/TUS0326778 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT
ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                 Cuery Match
Best Local Similarity 100.
Matches 27; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PCT-US03-26818-7
                                                                                                                                                                                                                                                                                                                                                                                                                                   å
                                                                                                                                                                                                                                                                                                                                                                                          ठ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ò
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                셤
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 27;
                                                                                    ZIP: 10017-5755

COMPUTER READABLE FORM:
MEDIUM TYPE: RIOPPY disk
COMPUTER: 118M PC compatible
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/943,084
FILING DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US/08/181,655
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Genzyme Corporation
APPLICANT: Wadsworth, Samuel C.
APPLICANT: Wadsworth, Samuel C.
APPLICANT: Armentano, Donna
APPLICANT: Gregory, Richard J.
APPLICANT: Gregory, Richard J.
TITLE OF INVENTION: Wethods of Treating Diabetes and Other
TITLE OF INVENTION: Methods of Treating Disorders
TITLE OF INVENTION: Blood Sugar Disorders
CURRENT APPLICATION MUBBER: PCT
CURRENT APPLICATION MUBBER: 2002-08-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Indels
  STREET: 235 East 42nd Street, 20th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 100.0%; Score 139; DB 24; Best Local Similarity 100.0%; Pred. No. 7.1e-14; Matches 27; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: Sheyka, Robert F.
REGISTRATION NUMBER: 31,304
REFERENCE/DOCKET NUMBER: PC8391
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)573-1939
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MAP POSITION: N/A SEQUENCE DESCRIPTION: SEQ ID NO: 7: US-09-943-084-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 HAEGIFISDVSSYLEGGAAKEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 23, Application PC/TUS0225227 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LIBRARY: N/A
CLONE: N/A
POSITION IN GENOME: N/A
CHROMOSOME/SEGMENT: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        INDIVIDUAL ISOLATE: N/A
HAPLOTYBE: N/A
CELL LINE: N/A
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 27 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
WOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
PRAGMENT TYPE: N-terminal
ORIGINAL SOURCE:
                                                STATE: New York
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STRAIN: N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEX: N/A
```

g

```
STATE: New York
COUNTRY: U.S.A.
ZIP: 10017-5755
COMPUTER: ELDEPY disk
MEDIUM TYPE: Floppy disk
COMPUTER: ELDE PCOMPATIBLE
COMPUTER: ELDE PCOMPATIBLE
COMPUTER: ELDE PCOMPATIBLE
COMPUTER: PATENTING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/644,133
FILING DATE: 07-APR-1993
CLASSIFICATION NUMBER: US/08/644,133
FILING DATE: NO-APR-1993
CLASSIFICATION NUMBER: 13,304
REGISTRATION NUMBER: 13,304
REGISTRATION NUMBER: PC8391
TELESPHONE: CAL25573-1189
                      APPLICANT: Kim, Yesook
APPLICANT: Lambert, William J.
APPLICANT: Od, Honor
APPLICANT: Gelfand, Robert A.
APPLICANT: Geoghegan, Kieran F.
APPLICANT: Danley, Dennis E.
TITLE OF INVENTION: Prolonged Delivery of Peptides
CORRESPONDENCES: 7
CORRESPONDENCES: 7
                                                                                                                                                                                                                                   B: Pfizer Inc
235 East 42nd Street, 20th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELETAX: (212)573-1939
TELEX: N/A
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
LENGTH: 28 aming acids
                                                                                                                                                                                                                                                                                  New York
                                                                                                                                                                                                                                      ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM:
                                                                                                                                                                                                                                                            STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           유
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ó
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
                                                                                                                                                                                                                                                                                     Gaps
                                                                                                                                                              OTHER INFORMATION: GLP-1 molecule having insulinotropic activity PCT-US03-26818-7
                                                                                                                                                                                                                                                                                     <u>.</u>;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ô
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Andrews, Glenn C.
APPLICANT: Daumy, Gaston O.
APPLICANT: Franceur, Michael L.
APPLICANT: Larson, Eric R.
TITLE OF INVENTION: GLUCAGON-LIKE PEPTIDE AND INSULINOTROPIN
TITLE OF INVENTION: DERIVATIVES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ch 100.0%; Score 139; DB 3; Length 28; 1 Similarity 100.0%; Pred. No. 7.4e-14; 27; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                      Length 28
                                                                                                                                                                                                                                                                                Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTAT: u.o.s.

21P: 06340

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/899,073
FILING DATE: 19920615
CLASSIPICATION: 514
ATTORNEY/AGRAT INFORMATION:
NAME: Benson, Gregg C.
REGISTRATION NUMBER: 90,997
REFERENCE/DOCKET NUMBER: PC8156GCB
TELEPAX: (203) 441-521
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
:IENGTH: 28 amino acids
TWENTER ANTON ACID
                                                                                                                                                                                                                                 Query Match
Best Local Similarity 100.0%; Pred. No. 7.4e-14;
Matches 27; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 6
COUNTERPORT ADDRESS: ADDRESSEE: Aregg C. Benson, Pfizer Inc STREET: Eastern Point Road Groton STATE: CT COUNTRY: USA
                                                                                                                                                                                                                                                                                                                            1 HAEGIFTSDVSSYLEGOAAKEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 HAEGIFISDVSSYLEGQAAKEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                           1 HARGIFISDVSSYLEGQAAKEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 5, Application US/07899073 GENERAL INFORMATION:
NUMBER OF SEQ ID NOS: 90
SOFTWARE: Patentin version 3.2
SEQ ID NO 7
                                                                                                  TYPE: PRT
ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: linear

MOLECULE TYPE: peptide

US-07-899-073-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
Matches 27; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         -07-899-073-5
                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 8
                                                                                                                                                                                                                                                                                                                                    ò
                                                                                                                                                                                                                                                                                                                                                                         D,
```

```
Gaps
                                                                                                                                                                                                                                                                                                                                                                            ..
0
                                                                                                                                                                                                                                                                                                                                                                            Indels
                                                                                                                                                                                                                                                                                                                                           100.0%; Score 139; DB 4;
100.0%; Pred. No. 7.4e-14;
tive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                           1 HAEGTFTSDVSSYLEGQAAKEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                        1 HAEGTFTSDVSSYLEGGAAKBFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 21, Application US/08350530A
GENERAL INFORMATION:
APPLICANT: Patridge, Bruce
APPLICANT: Stout, Jay
APPLICANT: Henriksen, Dennis
                                                                                                                                                                                                                                                                POSITION IN GENOME:
CHROMOSOME/SEGENT: N/A
MAP POSITION: N/A
US-08-044-133-5
                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 100.0
Matches 27; Conservative
LENGTH: 28 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                . peptide
                                                                                                                                                                    INDIVIDUAL ISOLATE: N
HAPLOTYPE: N/A
CELL LINE: N/A
INMEDIATE SOURCE:
LIBRARY: N/A
                                                                                         ANTI-SENSE: NO
FRAGMENT TYPE: N
ORIGINAL SOURCE:
                                              TOPOLOGY: lin
                                                                                                                                                     N/A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 10
US-08-350-530A-21
```

RESULT 9 US-08-044-133-5 ; Sequence 5, Application US/08044133

셤

```
ò
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 4, Application US/08520485
GENERAL INPORMATION:
APPLICANT: Wagner, Fred W.
APPLICANT: Stout, Jay
APPLICANT: Henriken, Dennis
APPLICANT: Partriken, Dennis
APPLICANT: Partriken, Dennis
APPLICANT: Manning, Shane
TITLE OF INVENTION: Enzymatic Method for Modification of
NUMBER OF SEQUENCES: 26
CORRESPONDENCE ADDRESS:
ADDRESSER Methant & Gould
STREET: 3100 Morwest Center
CITY: Minneapolis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 100.0%; Score 139; DB 7; Length 28; Best Local Similarity 100.0%; Pred. No. 7.4e-14; Matches 27; Conservative 0; Mismatches 0; Indels
                                                                                                             COMPUTER: Desarch
COMPUTER: READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: TEM PC-DOS/MS-DOS
SOFTWARE: Patentln Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/356,231
FILING DATE:
CLASSIFICATION: 514
FRIOR DATA:
APPLICATION NUMBER: US 07/899,073
FILING DATE: 15-JUN-1992
PTILING DATE: 15-JUN-1992
REFERENCE/DOCKET NUMBER: 90,997
REFERENCE/DOCKET NUMBER: PC8156AGCB
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION OF SEQ 10 NO: 5:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: USA

COUNTRY: USA

ZIP: 55402

COMPUTER READABLE FORM:
MEDIUM TYEE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/520,485
FILING DATE: 29-AUG-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: CATTER, Charles G.
REGISTRATION NUMBER: 35,093
REFERENCE/DOCKET NUMBER: 8648.32-USD1
TIELSCOMMUNICATION INFORMATION:
TREECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 HABGIFTSDVSSYLEGQAAKEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 28 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: 612-332-9081
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear

MOLECULE TYPE: peptide
US-08-356-231-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ò
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            g
APPLICANT: Manning, Shane
APPLICANT: De La Motta, Rebecca
APPLICANT: De La Motta, Barton
APPLICANT: Holmquist, Barton
APPLICANT: Wagner, Fred
TITLE OF INVENTION: PRODUCTION OF REPTIDE USING RECOMBINANT
TITLE OF INVENTION: PROJON PROTEIN CONSTRUCTS
NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESS:
ADDRESSE: Marchant & Gould
STREET: 3100 Norwest Center, 90 S. 7th Street
CITY: Minneapolis
STATE: MA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Andrews, Glenn C.
APPLICANT: Andrews, Glenn C.
APPLICANT: Daumy, Gaston O.
APPLICANT: Larson, Eric R.
APPLICANT: Larson, Eric R.
APPLICANT: Pfizer Inc, (Non-US)
TITLE OF INVENTION: GLUCAGON-LIKE PEPTIDE AND INSULINOTROPIN
TITLE OF INVENTION: DERIVATIVES
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Gregg C. Benson, Pfizer Inc
STREET: Eastern Point Road
CITY: Groton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 100.0%; Score 139; DB 7; Length 28; Best Local Similarity 100.0%; Pred. No. 7.4e-14; Matches 27; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                  COUNTY OF STADE COMPACT

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskete
COMPUTER: IBM COMPATIBLE
COMPUTER: IBM COMPATIBLE
COMPUTER: IBM COMPATIBLE
COMPUTER: PASSENG VERION 1.5
SOFTWARE: PASSENG VERION 1.5
CURRENT APPLICATION NUMBER: US/08/350,530A
FILING DATE: 07-DEC-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
APPLICATION NUMBER: S5,093
REGISTRATION NUMBER: 35,093
REGISTRATION NUMBER: 35,093
REGISTRATION NUMBER: 35,093
TELEPHONE: 612/312-5300
TELEPHONE: 612/312-5081
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 HAEGIFISDVSSYLEGQAAKEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 5, Application US/08156231 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEX:
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ANTI-SENSE: NO
FRACMENT TYPE: internal
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                    U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-08-350-530A-21
                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 11
US-08-356-231-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ò
```

Gaps

```
linear
        GENERAL INFORMATION:
                                                                                                                                                                                                                 USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY:
                                                                                                                                                                                             STATE: NI
COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 15
US-09-068-822-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      셤
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ò
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ó
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ò
                                                                                                                                                                                                                 ô
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               100.0%; Score 139; DB 12; Length 28; 100.0%; Pred. No. 7.4e-14; Live 0; Mismatches 0; Indels 0
                                                                                                                                                                          Length 28;
                                                                                                                                                                                                                 Indels
                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Jensen, Ejvind
APPLICANT: Jensen, Ejvind
APPLICANT: Jensen, Klavs
TITLE OF INVENTION: Compositions
TITLE OF INVENTION: Compositions
NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
ADDRESSER: Novo Nordisk of North America, Inc.
STREET: 405 Lexington Avenue - 64ht Fl.
CITY: New York
STATE: NY
COUNTRY: USA
                                                                                                                                                                          Query Match
100.0%; Score 139; DB 9;
Best Local Similarity 100.0%; Pred. No. 7.4e-14;
Matches 27; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READBLE FORM:
MEDIUM TYPE: Diskette
COMPUTER READBLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: Diskette
COMPUTER: Diskette
COMPUTER: DOS
SOFTWARE: SYSTEM: DOS
SOFTWARE: SYSTEM: DOS
SOFTWARE: TA-UN-1997
GLASSIFICATION DATA:
APPLICATION NUMBER: US/08/860,103
FILING DATE: 17-UN-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/DK95/00516
FILING DATE: 21-DEC-1995
ATTORNEY AGENT INFORMATION:
NAME: Lambiris, Blias J
REFERRATION NUMBER: 33,728
REFERRATION NUMBER: 33,728
REFERRATION NUMBER: 33,728
                                                                                                                                                                                                                                                                          1 HARGTFTSDVSSYLEGOAAKEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 HAEGTFTSDVSSYLEGOAAKEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                      Sequence 1, Application US/08860103
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-878-9652
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 amino acids
TYPE: amino acids
TYPE: amino acid
TOPOLOGY: lirr
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Best Local Similarity 100.
Matches 27; Conservative
        SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          212-878-9655
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 amino acid
SDNESS: single
                                                                             MOLECULE TYPE: peptide
IMMEDIATE SOURCE:
CLONE: GLP1 (7-34)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        10017
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX:
                                                                                                                                      US-08-520-485-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-08-860-103-1
                                                                                                                                                                                                                                                                                                                                                 RESULT 13
US-08-860-103-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
                                                                                                                                                                                                                                                        ð
                                                                                                                                                                                                                                                                                        g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Š
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               음
```

; Sequence 1, Application US/08860103A

RESULT 14 US-08-860-103A-1

```
APPLICANT: Jonese: Rivind
APPLICANT: Jorgensen, Klaves
ITILE OF INVENTION: Compositions

NUMBER OF SEQUENCES: 2
COMPUTATION: Compositions
STREETS of Notified of N
```

```
Query Match
Best Local Similarity 100.0%; Score 139; DB 14; Length 28;
Best Local Similarity 100.0%; Pred. No. 7.4e-14;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps
```

ö

Search completed: July 3, 2004, 00:46:15 Job time: 174.068 secs

```
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
```

OM protein - protein search, using sw model

Run on:

July 3, 2004, 00:25:27; Search time 12.7453 Seconds (without alignments) 105.442 Million cell updates/sec

US-09-943-084-7 139 1 HAEGIFTSDVSSYLEGQAAKEFIAWLV 27 Title: Perfect score:

Sequence:

BLOSUM62 Gapop 10.0 , Gapext 0.5 Scoring table:

327902 seqs, 49773865 residues Searched:

Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Pending_Patents_AA_New:*

1: /cgm2_6/ptcdata/2/paa/USO6_NEW_COMB.pep:*

2: /cgm2_6/ptcdata/2/paa/USO6_NEW_COMB.pep:*

3: /cgm2_6/ptcdata/2/paa/USO7_NEW_COMB.pep:*

4: /cgm2_6/ptcdata/2/paa/USO8_NEW_COMB.pep:*

5: /cgm2_6/ptcdata/2/paa/USO8_NEW_COMB.pep:*

6: /cgm2_6/ptcdata/2/paa/USO8_NEW_COMB.pep:*

7: /cgm2_6/ptcdata/2/paa/USO8_NEW_COMB.pep:*

7: /cgm2_6/ptcdata/2/paa/USO8_NEW_COMB.pep:* Database :

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

	Description	Sequence 23, Appl	m	Sequence 23. Appl	,	equence 24,	Sequence 24, Appl	æ	Sequence 775, App	ď	14,	4,	H	4	114	H	4	25,	'n	Sequence 25, Appl	H	4,89	776	32	91,	94,	r4 ⊢i
SUMMAKIES	ID	US-10-716-326-23	US-10-811-646-3	10	-60-549-	US-10-716-326-24	US-10-715-976-24	US-60-549-567-8	PCT-US04-04421-775	PCT-US04-06082-2	US-09-716-166-14	US-09-635-679B-4	US-10-485-140-1	US-10-485-140-4	US-10-291-226A-114	US-10-769-080-1		-10-716	US-10-811-646-5	US-10-715-976-25	US-10-741-534-1	US-60-549-567-48	PCT-US04-04421-776	PCT-US04-06462-32	PCT-US04-06462-91	PCT-US04-06462-94	PCT-US04-06082-1
	EQ 1	_	9	_	۲	9	9	۲	Н	H	ß	ហ	9	9	G	9	9	ø	6	w	φ	۲	-	Н	н	H	н
d k o	Query Match Length	28	28	58	78	29	53	60	30	30	30	30	30	30	30	30	30	30	39	30	30	30	33	31	31	31	31
	Query	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	Score			139	139	3	139	139	139	139	139	139	139	139	139	139	139	139	139	139	139	139	139		139		99
	Result No.	н	7	٣	4	Ŋ	φ	7	φ	O.	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	56

Sequence 13, Appl	Sequence 3, Appli	Sequence 124, App	Sequence 1, Appli	Sequence 2, Appli	Sequence 17, Appl	Sequence 27, Appl	Sequence 28, Appl	Sequence 2, Appli	Sequence 17, Appl	Sequence 27, Appl	Sequence 28, Appl	Sequence 1, Appli	1, 3	Sequence 21, Appl	Sequence 1, Appli	Sequence 21, Appl	Sequence 11, Appl	Sequence 6, Appli
US-09-716-166-13	US-10-485-619-3	US-10-291-226A-124	US-10-486-333-1	US-10-723-099A-2	US-10-723-099A-17	US-10-723-099A-27	US-10-723-099A-28	US-10-722-733-2	US-10-722-733-17	US-10-722-733-27	US-10-722-733-28	US-10-488-670-1	US-10-490-575-1	US-10-716-326-21	US-10-811-646-1	US-10-715-976-21	US-10-741-534-11	US-60-549-567-6
31 5	31 6	31 6	31 6	31 6	31 6	31 6	31 6	31 6	31 6	31 6	31 6	31 6	3.1 6	31 6	31 6	31 6	31 6	31 7
				•		•	•	•	•	•	•	139 100.0	•	•	• •	'		139 100.0
27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45

ALIGNMENTS

```
| APPLICANT: Wadsworth, Samuel APPLICANT: Gregory, Richard J. APPLICANT: Brasons, Geoffrey TITLE OF INVENTION: Machods of Treating Diabetes and Other Blood Sugar Disorders; TITLE REFERENCE: 5062CIP CURRENT APPLICATION NUMBER: US/10/716,326 CURRENT APPLICATION NUMBER: US 10/215,272 PRIOR FILING DATE: 2002-08-07 PRIOR FILING DATE: 2001-08-07 PRIOR FILING DATE: 2001-08-08 NUMBER OF SEQ ID NOS: 54 SOFTWARE PATENTIN VARIABLE P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 100.0%; Pred. No. 4.5e-12;
Matches 27; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (7-34)
; Sequence 23, Application US/10716326; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Artificial Sequence FRATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-10-716-326-23
```

1 HAEGTFISDVSSYLEGQAAKEFIAWLV 27 I HAEGTFISDVSSYLEGQAAKEFIANLV 27 Š g

US-10-811-646-3
Sequence 3, Application US/10811646
GENERAL INPORPATION:
APPLICANT: Efecutic, Suad
TITLE OF INVENTION: USE OF GLP-1 OR ANALOGS IN TREATMENT OP WYOCARDIAL INPARCTION
FILE REFREENCE: X-10822A
CURRENT APPLICATION NUMBER: US/10/811,646
CURRENT FILING DATE: 2004-03-29
FRIOR APPLICATION NUMBER: US 60/024,980
PRIOR PILING DATE: 1996-08-30
PRIOR PLILNG DATE: 1997-08-21
FRIOR PILLNG DATE: 1997-08-21

ö

Tue Jul

```
APPLICANT: Genzyme Corporation
APPLICANT: Wadsworth, Samuel
APPLICANT: Armentano, Donna
APPLICANT: Armentano, Donna
APPLICANT: Armentano, Donna
APPLICANT: Parsons, Geoffrey
TITLE OF INVENTION: Methods of Treating Diabetes and Other Blood Sugar Disorders
FILLE REPERBNCS: 5121
CURRENT APPLICATION NUMBER: US/10/715,976
CURRENT APPLICATION DATE: 2003-11-17
NUMBER OF SEQ ID NOS: 54
SOFTWARE: Patentin version 3.2
                                                                                                                                                                                                                                                                                                                                                   Gaps
                                                                                                                                                                                                            , OTHER INFORMATION: GLP-1 molecule having insulinotropic activity
US-60-549-567-7
                                                                                                                                                                                                                                                                                                                                                   ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 29;
                                                                                                                                                                                                                                                                                                  Length 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
; OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (7-35)
US-10-716-326-24
                                                                                                                                                                                                                                                                                               100.0%; Score 139; DB 7;
100.0%; Pred. No. 4.5e-12;
ive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
100.0%; Score 139; DB 6;
Best Local Similarity 100.0%; Pred. No. 4.6e-12;
Matches 27; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                          1 HAEGTFTSDVSSYLBGQAAKEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 HAEGTFTSDVSSYLEGQAAKBFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                               1 HAEGIFTSDVSSYLEGGAAKEFIAWLV 27
PRIOR FILING DATE: 2002-08-30
PRIOR APPLICATION NUMBER: PCT/US03/26818
PRIOR FILING DATE: 2003-08-28
NUMBER OF SEQ ID NOS: 128
SEQ ID NO 7
LENGTH: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-10-715-976-24; Sequence 24, Application US/10715976; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 24, Application US/10716326 GENERAL INFORMATION:
                                                                                                                                                                  TYPE: PRT
ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 100.0
Matches 27; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 5
US-10-716-326-24
                                                                                                                                                                                                         FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                               &
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ò
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APFILCANT: Wedgworth, Samuel
APFILCANT: Wedgworth, Samuel
APPILCANT: Armentano, Donna
APPILCANT: Armentano, Donna
APPILCANT: Armentano, Donna
APPILCANT: Greating Diabetes and Other Blood Sugar Disorders
TITLE OF INVENTION: Methods of Treating Diabetes and Other Blood Sugar Disorders
TITLE OF INVENTION: Wethods of Treating Diabetes and Other Blood Sugar Disorders
CURRENT APPILCANTON NUMBER: US/10/715,976
CURRENT FILING DATE: 2003-11-17
NUMBER OF SEQ ID NOS: 54
SOFTWARE: PatentIn version 3.2
SEQ ID NO 23
LENGTH: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ö
                                                                                                                                                                                                                                                                                                                                                                           ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ö
                                                                                                                                                                                                                                                                                                                                                                           ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
100.0%; Score 139; DB 6; Length 28;
Best Local Similarity 100.0%; Pred. No. 4.5e-12;
Matches 27; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                          Query Match
100.0%; Score 139; DB 6; Length 28;
Best Local Similarity 100.0%; Pred. No. 4.5e-12;
Matches 27; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: SADEGHI, Momayoun
APPLICANT: TURNER, Andrew J.
TITLE OF INVENTION: MODIFIED TRANSFERRIN FUSION PROFEINS
FILE REPERENCE: 54710-5011-PR
CURRENT APPLICATION NUMBER: US,60/549,567
CURRENT PILING DATE: 2004-03-04
PRIOR PLLING DATE: 2001-08-30
PRIOR FILING DATE: 2001-11-30
PRIOR PLICATION NUMBER: US,60/314,059
PRIOR PLICATION NUMBER: US, 60/314,059
PRIOR PLICATION NUMBER: US 01/231,494
PRIOR PLING DATE: 2001-11-30
PRIOR PLING DATE: 2002-08-30
PRIOR APPLICATION NUMBER: US 06/331,494
PRIOR PLING DATE: 2002-08-30
PRIOR APPLICATION NUMBER: US 60/406,977
                                                                                                                                                                                                                               ; LOCATION: (28)..(28); OTHER INFORMATION: Xaa at position 28 is Lys and Lys-Gly US-10-811-646-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE:
) OTHER INFORMATION: Modified GLP-1 molecule; GLP-1 (7-34)
US-10-715-976-23
                                                                                                                                                                                                                                                                                                                                                                                                                     1 HAEGTFISDVSSYLEGQAAKEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 HAEGIFISDVSSYLEGGAAKEFIAMLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 HAEGIFTSDVSSYLEGGAAKEFIAWLV 27
                                                                                                                                            FEATURE:
OTHER INFORMATION: synthetic construct
FEATURE:
NAME/KEY: VARIANT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 23, Application US/10715976
GENERAL INFORMATION:
APPLICANT: Genzyme Corporation
  NUMBER OF SEQ ID NOS: 6
SOFWRARE: Patentin version 3.0
SEQ ID NO 3.0
LENGTH: 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT ORGANISM: Artificial Sequence
                                                                                               TYPE: PRT
ORGANISM: Artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-10-715-976-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ઠે
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             g
```

ठे g

```
Gaps
                                                                                                                                                                                                                                                                                                                         Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
                                                                                                                                                                                                                                                                                                                   ô
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 2, Application PC/TUS0406082
GENERAL INFORMATION:
APPLICANT: Bli Lilly and Company
TITLE OF INVENTION: Polyethylene Glycol Linked GLP-1 Compounds
FILE REFERENCE: X-16020
CURRENT APPLICATION NUMBER: PCT/US04/06082
CURRENT FILING DATE: 2004-03-23
NUMBER OF SEQ ID NOS: 10
SOFTWARE: Patentin version 3.2
                                                                                                                                                                                                                                                          Length 30;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 30;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 100.0%; Score 139; DB 5; Length 30; Best Local Similarity 100.0%; Pred. No. 4.8e-12; Matches 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence As Application US/09716166

GENERAL INFORMATION:
APPLICANT: Treco, Douglas A.
APPLICANT: Concino, Michael F.
APPLICANT: Douglas A.
TITLE OF INVENTION: NUCLEIC ACID CONSTRUCT FOR OPTIMIZED
TITLE OF INVENTION: NUCLEIC ACID CONSTRUCT
FILE REFERENCE: 10278-034601
CURRENT APPLICATION NUMBER: US/09/716,166
CURRENT FILING DATE: 2000-11-17
PRIOR FILING DATE: 1999-11-19
NUMBER OF SEQ ID NOS: 14
SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 14
LENSTH: 30
                                                                                                                                                                                                                                                                                                                   Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; OTHER INFORMATION: synthetically generated polypeptide US-09-716-166-14
                                                                                                                                       FEATURE:

CHER INFORMATION: c-term may or may not be amidated

PCT-US04-04421-775
                                                                                                                                                                                                                                                       Query Match
100.0%; Score 139; DB 1;
Best Local Similarity 100.0%; Pred. No. 4.8e-12;
Matches 27; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
100.0%; Score 139; DB 1;
Best Local Similarity 100.0%; Pred. No. 4.8e-12;
Matches 27; Conservative 0; Mismatches 0;
                                                                                    FRATURE: OTHER INFORMATION: Illustrative hdLP-1(7-36)
                                                                                                                                                                                                                                                                                                                                                                          1 HAEGTFTSDVSSYLEGGAAKEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 HAEGIFTSDVSSYLEGQAAKEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 HAEGIFTSDVSSYLEGGAAXEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 HAEGTFTSDVSSYLEGQAAKEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: PRT
ORGANISM: Artificial Sequence
                                                         ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 30
TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PCT-US04-06082-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PCT-US04-06082-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-09-716-166-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                                                                             à
                                                                                                                                                                                                                                                                                                                                                                                                                             ä
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     δ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        윱
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ò
                                                                                                                                                                                                                                                                                        ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ö
                                                                                                                                                                                                                                                                                        Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; PEATURE:
; OTHER INFORMATION: GLP-1 molecule having insulinotropic activity
US-60-549-567-8
                                                                                                                                                                                                                                                                                        ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   .
0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 775, Application PC/TUS0404421
GENERAL INFORMATION:
APPLICANT: SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS
APPLICANT: SCIENTIFIQUES, S.A.S
APPLICANT: DONG, ZHENG ZIN
TITLE OF INVENTION: ANALOGUES OF GLP-1
PILE REPERENCE: 1299-PGT2
CURRENT APPLICATION NUMBER: PCT/US04/04421
CURRENT APPLICATION NUMBER: 2004-02-17
                                                                                                                                                                                                                               Length 29;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: SADEGHI, Homayoun;
APPLICANT: TURNER, Andrew J.
TUTLE OF INVENTION: MOLIFIED TRANSFERRIN FUSION PROTEINS;
FILE OF INVENTION: MOLIFIED TRANSFERRIN FUSION PROTEINS;
FILE REFERENCE: 54710-5011-PR
CURRENT APPLICATION NUMBER: US 60/549,567
CURRENT APPLICATION NUMBER: US 60/315,745
PRIOR APPLICATION NUMBER: US 60/315,745
PRIOR PILING DATE: 2001-08-30
PRIOR PILING DATE: 2001-11-30
PRIOR PELING DATE: 2001-11-30
PRIOR PELING DATE: 2001-08-30
PRIOR PILING DATE: 2001-11-30
PRIOR PELING DATE: 2002-08-30
PRIOR APPLICATION NUMBER: US 60/406,977
PRIOR APPLICATION NUMBER: PCT/US03/26818
PRIOR PILING DATE: 2002-08-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 29;
                                                                                                                                                                                                                                                                                     Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Indels
                                                                                                      FEATURE:

JOHER INFORMATION: Modified GLP-1 molecule; GLP-1 (7-35)
US-10-715-976-24
                                                                                                                                                                                                                         ; Score 139; DB 6;
; Pred. No. 4.6e-12;
0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Ouery Match
100.0%; Score 139; DB 7;
Best Local Similarity 100.0%; Pred. No. 4,6e-12;
Matches 27; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                           1 HAEGIFISDVSSYLEGOAAKEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                               1 HAEGTPISDVSSYLEGGAAKEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 HAEGIFTSDVSSYLEGQAAKEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 781
PRIOR APPLICATION NUMBER: 604449,203
PRIOR FILING DAIE: 2003-02-19
SOFTWARE: Patentin version 3:2
SEQ ID NO 775
                                                                                                                                                                                                                         Query Match
Best Local Similarity 100.0%;
Matches 27; Conservative 0
                                                         TYPE: PRT ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         -US04-04421-775
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-60-549-567-8
SEQ ID NO 24
```

a ò

```
Sequence 4, Application US/10485140
APPLICANT: The Government of the United States of America, as represented by the APPLICANT: Greig, Nigel H.
APPLICANT: Egan, Josephine
APPLICANT: Egan, Josephine
APPLICANT: Holloway, Harold
TITLE OF INVENTION: GLP-1, EXENDIN-4, AND PEPTIDE ANALOGS AND USES THEREOF
FILE REFERENCE: 14014-013961
CURRENT APPLICATION NUMBER: US/10/485,140
CURRENT FILING DATE: 2004-01-27
PRIOR APPLICATION NUMBER: 60/309,076
PRIOR PRIOR OF SEQ ID NOS: 52
SOFTWARE: PASTSCO for Windows Version 4.0
SEQ ID NO 4
LENGTH: 30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ô
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 114, Application US/10291226A
; Sequence 114, Application US/10291226A
; GENERAL INFORMATION:
; APPLICANT: Larsen, Bjarne Due
; APPLICANT: Meve, Sorren
; TILLE OF INVENTION: NOVEL PEPTIDE AGONISTS OF GLP-1 ACTIVITY
; FILE REPERENCE: 5521(45487)
; CURRENT FILING DATE: 2002-11-08
; PRIOR PILICATION NUMBER: US/10/291,226A
; CURRENT FILING DATE: 1999-07-13
; NUMBER OF SEQ ID NOS: 153
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 114
; BENOT DATE: 130
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CTHER INFORMATION: Description of Artificial Sequence:/Note
CTHER INFORMATION: Synthetic Construct
US-10-485-140-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 30;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 30;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
100.0%; Score 139; DB 6;
Best Local Similarity 100.0%; Pred. No. 4.8e-12;
Matches 27; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         100.0%; Score 139; DB 6;
100.0%; Pred. No. 4.8e-12;
iive 0; Mismatches 0;
                                                                     1 HARGTETSDVSSYLEGGAAKEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 HAEGTFTSDVSSYLEGGAAKEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 HARGTFTSDVSSYLEGGAAKEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        HAEGTFTSDVSSYLEGQAAKEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 HAEGTFTSDVSSYLEGQAAKEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; OTHER INFORMATION: GLP-1(7-36)
US-10-291-226A-114
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 30
TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity 100.0
Matches 27; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-10-291-226A-114
                              Н
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FEATURE:
                                                                g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ઠે
                              Š
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          g
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ઠે
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      임
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 1, Application US/10485140
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: The Government of the United States of America, as represented by the APPLICANT: Secretary, Department of Health and Human Services
APPLICANT: Greig, Nigel H.
APPLICANT: Bgan, Josephine
APPLICANT: Boyle, Maire
APPLICANT: Holloway, Harold
TITLE OF INVENTIONS: 14014.0396Pl
CURRENT FILING DATE: 2004-01-27
PRIOR PRILING DATE: 2001-07-31
PRIOR PRILING DATE: 2001-07-31
NUMBER OF SEQ ID NOS: 52
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ö
                                                                                                                                                                                     APPLICANT: Habener, Joel
TITLE OF INVENTION: Insulinotropic Hormone and Uses Thereof
TITLE REFERENCE: 0609-1090009;
CURRENT APPLICATION NUMBER: US/09/635,679E
CURRENT FILING DATE: 2000-08-10
PRIOR APPLICATION NUMBER: 08/749,762
PRIOR APPLICATION NUMBER: 08/749,762
PRIOR PILING DATE: 1998-11-20
PRIOR PLING DATE: 1996-11-20
PRIOR PLING DATE: 1996-11-20
PRIOR PLING DATE: 1991-09-05
PRIOR PLING DATE: 1991-09-05
PRIOR PLING DATE: 1991-09-05
PRIOR PLING DATE: 1991-09-05
PRIOR PLING DATE: 1990-06-01
PRIOR APPLICATION NUMBER: 07/148,517
PRIOR APPLICATION NUMBER: 07/148,517
PRIOR APPLICATION NUMBER: 07/148,517
PRIOR APPLICATION NUMBER: 06/859,928
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 30;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 30;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               100.0%; Score 139; DB 5;
100.0%; Pred. No. 4.8e-12;
tive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 100.0%; Pred. No. 4.8e-12,
Matches 27; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE:
; OTHER INFORMATION: insulinctropic peptide
US-09-635-679E-4
HAEGTETSDVSSYLEGGAAKEPIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 HAEGTFISDVSSYLEGGAAKEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 HAEGIFISDVSSYLEGGAAKEFIAWLV 27
                                                                                                                                            ; Sequence 4, Application US/09635679B; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 4
SOFTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 100.(
Matches 27; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
ORGANISM: Human
                                                                                                 RESULT 11
US-09-635-679E-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE SEQ ID NO 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-10-485-140-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-10-485-140-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Q ID NO 4
LENGTH: 30
                            a
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      8
```

ð

ö

```
TYPE: PRT
ORGANISM: Homo sapiens
CREAUNE:
NAME/KEY: MOD RES
COCATION: (30)
OTHER INFORMATION: The arginine residue at position 30 is modified so as to replace
CTHER INFORMATION: the terminal carboxyl group with an amine.
Sequence 1, Application US/10769080
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Galloway, John A
APPLICANT: Galloway, John A
TITLE OF INVENTION: Glucagon-Like Insulinotropic Peptides, Compositions and Methods
TITLE OF INVENTION: Glucagon-Like Insulinotropic Peptides, Compositions and Methods
TITLE OF INVENTION: 010/02326
CURRENT APPLICATION NUMBER: US/10/769,080
CURRENT APPLICATION NUMBER: US/10/769,080
CURRENT PILING DATE: 2000-05-18
NUMBER OF SEQ ID NOS: 1
SOFTWARE: Patentin version 3.1
SEQ ID NO 1
LENGTH: 30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ô
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 100.0%; Score 139; DB 6; Length 30; Best Local Similarity 100.0%; Pred. No. 4.8e-12; Matches 27; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 HAEGTFTSDVSSYLEGGAAKEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 HAEGTFTSDVSSYLEGQAAKEFIAWLV 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ઠે
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 g
```

Search completed: July 3, 2004, 00:47:43 Job time : 12.7453 secs